

19991029.qrp v01_n623.qrl.991029

Date: Fri, 29 Oct 1999 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1623

QRP-L Digest 1623

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by George F Franklin <w0av@juno.com>
- 2) [54487] Attn: Chuck Adams.
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- 3) [54488] FOX - Wow!
by "Al Gritzmacher " <ae2t@arrl.net>
- 4) [54489] Re: K2 critisisms
by "Al Gritzmacher " <ae2t@arrl.net>
- 5) [54490] RE: Must ham radio be expensive?
by "ai2q" <ai2q@ispchannel.com>
- 6) [54491] Re: Shuffle/HW-8
by kc8aon@juno.com
- 7) [54492] Re: Elecraft K2 too expensive...NOT!
by "Tom McCulloch" <tmccullo@suffolk.lib.ny.us>
- 8) [54493] K2 Squable !
by kc8aon@juno.com
- 9) [54494] Re: ARP-F
by "John Fisher" <jfisher2@austin.rr.com>
- 10) [54495] RE: Bifilar and trifilar windings.
by "ai2q" <ai2q@ispchannel.com>
- 11) [54496] RE: K2
by N10DL@aol.com
- 12) [54497] HW-9 For Sale
by Ed Kessler <edkess@epix.net>
- 13) [54498] Re: Bifilar and trifilar windings.
by "Nick Kennedy" <nkennedy@cswnet.com>
- 14) [54499] MRX 40 stability ...
by Mighty Mik <mitymik@wenet.net>
- 15) [54500] N/T+ FOX hunt = SOON :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 16) [54501] QRPp 1993-1997 Available
by Brian Short <bshort@speedchoice.com>
- 17) [54502] K2<=> Meade ETX-90
by Mighty Mik <mitymik@wenet.net>
- 18) [54503] GOT NEW RADIO SHACK HTX-10!
by AC6JA@aol.com
- 19) [54504] Newbie!!

by "steve" <scd@zebra.net>
20) [54505] QRPp's Sold
by Brian Short <bshort@speedchoice.com>
21) [54506] IT'S ALIVE!!!!!!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
22) [54507] Re: K2 critisisms
by Bob Hightower <ki7mn@extremezone.com>
23) [54508] Re: Elecraft K2 too expensive...NOT!
by Bob Hightower <ki7mn@extremezone.com>
24) [54509] Re: Elecraft K2 too expensive...NOT!
by Roger Hightower <n7kt@earthlink.net>
25) [54510] HW-9 is Sold
by Ed Kessler <edkess@epix.net>
26) [54511] Re: GOT NEW RADIO SHACK HTX-10!
by "K7FD-N7SG" <cqdx@teleport.com>
27) [54512] Re: OT Spring for J-38
by "Nick Yokanovich" <n0ny@toad.net>
28) [54513] QRP definition
by Roy Crosier <crosier@toto.net>
29) [54514] 40 meter Double Extended Zepp
by kc8aon@juno.com
30) [54515] Tuna Tin and Keyers Warning
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
31) [54516] Electronics Question
by Jeff Grudin <grudin@vdb.com>
32) [54517] Keyer Connection Question
by "w2xn" <w2xn@netzero.net>
33) [54518] TenTac 1320 for sale
by "Bruce" <Bruce2@prodigy.net>
34) [54519] twin lead help please
by Drbob92031@aol.com
35) [54520] N/T+ Web Page w/FOX hunt rules
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
36) [54521] FS: K2 clone
by James Skalski <jskalski@localnet.com>
37) [54522] Re: FS: K2 clone
by patrick m kvitkauskas <pmk@juno.com>
38) [54523] Re: Elecraft K2 factory alignment?
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
39) [54524] Ten Tec Century 21 for sale
by Jim <w7ls@blarg.net>
40) [54525] Info needed on Baluns
by Johnny <km5im@telepath.com>
41) [54526] Ten Tec keyers and calibrator for sale
by Jim <w7ls@blarg.net>
42) [54527] Re: MRX 40 stability ...
by Dave Fifield <fifield@pacbell.net>
43) [54528] ANT: Antenna 101 with a Call?

by "Sly (9M8SL)" <cqsly@tm.net.my>
44) [54529] ZOMBIE: Amended Official Zombie Shuffle Rules
by "J. Medley" <jmedley@ix.netcom.com>
45) [54530] ZOMBIE: Amended Official Zombie Score Sheet
by "J. Medley" <jmedley@ix.netcom.com>
46) [54531] Re: Info needed on Balums
by Pete Burbank <plburbank@kih.net>
47) [54532] Re: QRP-L Topic List
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
48) [54533] PROP: Zombie Outlook
by "Paul Harden, NA5N" <na5n@rt66.com>
49) [54534] FIND: Carl-Arne Sundstrom?
by Dave Fifield <fifield@pacbell.net>
50) [54535] Atlas 210X
by Bruce Muscolino <w6toy@erols.com>
51) [54536] Zombie night de WB5QYT
by tom whalen <wb5qyt@eFortress.com>
52) [54537] Ant and Feedline questions - Long
by Marty Squicciarini <marty_skitch@yahoo.com>
53) [54538] RE: twin lead help please
by "ai2q" <ai2q@ispchannel.com>
54) [54539] tuner
by David Heintzleman <bchurch@megavision.com>
55) [54540] HB & PIC: Re: DDS - AD98xx - Where can I get one?
by "George Heron" <n2apb@erols.com>
56) [54541] Re: K2 critisisms
by "Al Gritzmacher " <ae2t@localnet.com>
57) [54542] FOX: AB5UA Monday night (2 Nov. 0100 UTC)
by Clifton W Sikes <ab5uacw@juno.com>
58) [54543] Optimist 80
by Bill Jones <kd7s@psnw.com>
59) [54544] Toner Transfer-2 sided board
by David Shalita <af389@lafn.org>
60) [54545] Re: Toner Transfer-2 sided board
by "George Heron" <n2apb@erols.com>
61) [54546] CONTEST: QRP Contesting This Weekend
by Ken Newman <N2CQ@citnet.com>
62) [54547] Re: Milliwatt Triple Crown! -It's coming!
by Jim Hale <kj5tf@yahoo.com>
63) [54548] HB: Re: Toner Transfer-2 sided board
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
64) [54549] Working Mobiles QRPp
by Larry Cahoon <wd3p@juno.com>
65) [54550] FOX #2 Final log KU7Y - LONG
by Monte Stark <ku7y@dri.edu>
66) [54551] Thanks!!
by "steve" <scd@zebra.net>
67) [54552] Re: Milliwatt Triple Crown! -It's coming!

by Larry Cahoon <wd3p@juno.com>
68) [54553] Re: WAS is within my grasp!
by Jim Hale <kj5tf@yahoo.com>
69) [54554] Re: Milliwatt Triple Crown! -It's coming!
by "Dan W. Dooley" <dandooley@pipeline.com>
70) [54555] Re: Atlas 210X
by "Carl Zmola" <zmola@campbellsci.com>
71) [54556] XCVR: RH40 questions
by Allan G Taylor <k7gt@arrl.net>
72) [54557] RE: Got New HTX-10
by JFStrain@aol.com
73) [54558] Re: TenTac 1320 for sale
by Tony <ka9fax@mailbox1.com>
74) [54559] KIT: TT2 onthe air, but high
by Tom M <tjmc@erols.com>
75) [54560] HB: Re: Toner Transfer-2 sided board
by "Brad Hernlem" <alihernlem@hotmail.com>
76) [54561] Re: Toner Transfer-2 sided board
by "Steven Weber" <kd1jv@moose.ncia.net>
77) [54562] ZOMBIE: I saw Elvis!
by "J. Medley" <jmedley@ix.netcom.com>
78) [54563] HB: Re: Toner Transfer-2 sided board
by "Chuck Carpenter" <w5usj@globeco.net>
79) [54564] RE: TT2 onthe air, but high
by Mike Gipe <mgipe@reliablemeters.com>
80) [54565] Re: Tuna Tin and Keyers Warning
by "Nick Kennedy" <nkennedy@cswnet.com>
81) [54566] MFJ QRP Cub
by Chris Taylor <cht@imipolex-g.com>
82) [54567] ZOMBIE: Shuffle tonight
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
83) [54568] RE: Atlas 210X
by "Dan W. Dooley" <dandooley@pipeline.com>
84) [54569] T00DX on 10 meters
by osier <osier@northnet.org>
85) [54570] XMTR: & Re: Zombie night de WB5QYT
by Gary L Surrency <gsurrency@juno.com>
86) [54571] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
87) [54572] Holiday milliwatt contest rules @ KJ5TF website
by Jim Hale <kj5tf@yahoo.com>
88) [54573] BECAUSE_I'M_A_NICE_GUY: FS : New HTX-10
by "Paul R. Valko" <prvalko@oakland.edu>
89) [54574] Toroid Table
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
90) [54575] Wow! HW-9 Sold
by Ed Kessler <edkess@epix.net>
91) [54576] IC 706 Power at lowest setting

- by "Dan W. Dooley" <dandooley@pipeline.com>
- 92) [54577] L/C Meter IIB Instruction Manual on Web Site
by neil <neil@aade.com>
- 93) [54578] Propagation for Spartan Sprint
by "Robert Armstrong" <barmstrong@sisna.com>
- 94) [54579] ZOMBIE: Zombie numbers!!!
by "J. Medley" <jmedley@ix.netcom.com>
- 95) [54580] Re: Wow! HW-9 Sold
by RAWSONDM@cs.com
- 96) [54581] Re: Thanks!!
by RangerSF5@aol.com
- 97) [54582] Electronics Question
by Jeff Grudin <grudin@vdb.com>
- 98) [54583] WTB, Palomar wattmeter M-835 & Ten-Tec 290 Step Attenuator
by Jim Hale <kj5tf@yahoo.com>
- 99) [54584] Re: KIT: TT2 on the air, but high
by "Steven Weber" <kd1jv@moose.ncia.net>
- 100) [54585] FOXHUNT: Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
- 101) [54586] Zombie WB5QYT/BE
by tom whalen <wb5qyt@eFortress.com>
- 102) [54587] Re: ZOMBIE: Amended Official Zombie Shuffle Rules
by crc <crc@io.com>
- 103) [54588] .
by RangerSF5@aol.com
- 104) [54589] coax
by Anthony Felino <anthony@pacinfosb.com>
- 105) [54590] ZOMBIE: Local sundown questions
by "J. Medley" <jmedley@ix.netcom.com>
- 106) [54591] Sun Set
by Larry Cahoon <wd3p@juno.com>
- 107) [54592] Re: coax
by Hal Maney <hmaney@earthlink.net>
- 108) [54593] Re: Sun Set
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

Date: Thu, 28 Oct 1999 18:00:52 CDT
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [54486] ARP-F
Message-ID: <19991028.180139.-993415.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Gang,

Will someone please tell me how to subscribe to the "new" QRP-L?

I tried my way but it didn't work.

TIA and 72,

de George/W0AV

Date: Thu, 28 Oct 1999 16:09:29 -0700
From: neil <neil@aaade.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54487] Attn: Chuck Adams.
Message-ID: <3818D7A9.F78E121B@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Really sorry to have to do it this way but lost my subscription
instructions and your new e-mail address.

Please send subscribe instructions to:

mailto:wayneg@ncentral.com

--
Neil
<http://www.aaade.com>
mailto:neil@aaade.com
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Thu, 28 Oct 1999 18:20:44 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [54488] FOX - Wow!
Message-ID: <199910282314.TAA09697@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Good thing I was reading my e-mail and saw Ron moved his time up to 0030 -- it was already after 0100 when I found out.

Did like he said and spread out. Parked the K2 VF0-B a kHz down and gave a few calls. Bang - another pelt! This rig is the nuts! Two for two so far.

Can't wait for my turn as the wiley one later this season.

=====

Al Gritzmacher ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

Thought for the day:

Dictatorship (n): a form of government under which everything which is not prohibited is compulsory.

Date: Thu, 28 Oct 1999 18:20:44 -0400

From: "Al Gritzmacher " <ae2t@arrl.net>

To: qrp-1@Lehigh.EDU

Subject: [54489] Re: K2 criticisms

Message-ID: <199910282314.TAA09743@mx2.localnet.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

On 26 Oct 99, at 19:03, SFIKE@twa.com wrote:

> Hi folks,
> I saw my first K2 in person at a local hamfest over this past weekend. It
> was a finished and working display along with its wonderful owners
> manual. The owner was even wearing his K2 T-shirt to boot! I got to look
> over the rig and feel its heft and look over the owners manual as well. I
> instantly fell in love with this rig as did anybody who happened to be
> gawking at it along with me. I have a few criticisms for this rig, however,
> and I'm sure to take some heat for it. So be it.
>
> 1- I don't like the protruding screw heads (a long ago thread addressed
> this issue so lets not flog a dead horse any longer)

I think this is a matter of taste and for every person that doesn't like the look there's probably another that does. I'm sure it would be a simple matter to counter-sink and install flat-head screws if you wanted.

>
> 2-I still think that \$549 is *VERY* steep for an unassembled kit! This is
> the price that Elecraft should be charging for a wired and tested
> model(wich, by the way, they had originally planned to offer it wired and
> tested along with a kit option. Don't know what happened to that idea, but
> I liked it!)

Really? Have you bought a new car lately? Nothing costs what it used
to or we think it should!

>
> 3-I think there should be a finger hole in the tuning knob. A minor gripe,
> but a gripe nonetheless.

I think so too. Probably would have had one if one was available. Having
a custom one made would add considerably to the \$549 price you just
complained about.

>
> 4-Why doesn't QST review this rig?! They have had ample time to do so!!!

We've been told a QST review is in the works. A full review by the ARRL
takes months to do. Being a kit, they probably also buy a kit and have
to assemble it.

>
> 5-At that price, I feel it should already include the SSB and not make it
> an "option".

Oh, please, not price again. Some people might not want SSB.

>
> 6-What is Elecraft going to call the sequel to this rig? The K2-II?!

The Everest?

>
> Anyway, that is just my opinion on the illustrious K2. Like I said, I am
> likely to get a little close to the flame so I have put on the flame-proof
> suit! 72, Scott
>

Oh, go on. Bite the bullet and buy one. We know you want to!!! ; -)

By the way, most of the subjects above have been discussed on the
Elecraft reflector, so we've heard them before!

=====

Al Gritzmacher ae2t@arrl.net
http://members.localnet.com/~ae2t/
Thought for the day:
 Book (n): a utensil used to pass time while waiting
 for the TV repairman.

Date: Thu, 28 Oct 1999 19:09:52 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <michaelbstjames@email.msn.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [54490] RE: Must ham radio be expensive?
Message-ID: <000401bf2199\$8af09a00\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Mike, I've got a '210X too, and have had a ball with it in the mobile.

The shape factor of the IF filter is something else too. You'll find that many guys will give unsolicited favorable reports on your modulation quality, thanks to that brickwall filter. On receive, it really 'transparently' combats QRM too.

The Atlas 210X is built with glass-epoxy boards, Teflon wiring, and gold plated edge connectors. No wonder Atlas couldn't compete with the radios from JA-land. The Atlas front panels also look somewhat homebrew.

I guess if you take anything and put a chrome-plated stripe on it, folks will think it's FB and plunk down their hard-earned for a TS-857687xx or whatever. Oh well.

BTW: there's a circuit for an AFC for the rig's VFO. I never found its drift unacceptable, except on 10 meters, but the AFC is said to keep it rock steady.

You've got me thinking that maybe it's time to re-install my Atlas 210X in my latest vehicle.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Mike N WDM

Sent: Thursday, October 28, 1999 2:12 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Must ham radio be expensive?

Jim and All a couple of years ago I bought a battered but functional Atlas 210x for a \$100. Like most 'back up rigs' it sat on a shelf and gathered dust while I played radio with the 'good stuff'. This summer I picked up a handful of hamsticks and a mag mount for less than \$50. I paired up the atlas and the hamsticks for mobile ssb qrp and can't remember when I had so much fun for so little money. Ham radio doesn't have to be expensive.

The neat thing about the hobby is we get to set our own individual goals. Sure, it might be nice to have the antenna farm at Aluminum Acres and bunches of FT 1000's, but it's not necessary. Yep, there are moments when I'm a little jealous of the QRO gang when their signal gets thru and mine doesn't but I also have the satisfaction of completing a QSO with minimal equipment and minimal cash outlay.

Mike in Minnesota

-----Original Message-----

From: Jim Glover <psykey@okcforum.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, October 28, 1999 10:27 AM
Subject: Must ham radio be expensive?

Date: Thu, 28 Oct 1999 19:12:27 EDT
From: kc8aon@juno.com
To: jaywa5whn@juno.com, qrp-1@Lehigh.EDU
Subject: [54491] Re: Shuffle/HW-8
Message-ID: <19991028.191657.4655.4.kc8aon@juno.com>

Don't have a tuning cap for the HW-8, but do have a front panel, VFO knob, Verneir drive, dial face, and the stock crystals for one ! I salvaged these and the case after a near lightening strike took out the HW-8. Plan on using the case for a QRP project, but the rest is up for best offer. Also have an HW-7 & manual - \$75 and it works & looks good

just kind of touchy to tune. I guess the main tuning cap from this could be used in an HW-8 ! Also have a Hi-Mound Bug - \$45, not willing to try to learn how to use it ! Nice at this price !

72.....KC8AON
Rick McKee
Willow Wood, Ohio
kc8aon@juno.com

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Date: Thu, 28 Oct 1999 19:23:19 -0400
From: "Tom McCulloch" <tmccullo@suffolk.lib.ny.us>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54492] Re: Elecraft K2 too expensive...NOT!
Message-ID: <006201bf219b\$6c964c60\$385cad7@tmccullo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

This post brings up a question from a less than talented builder. Does anyone know if the K2 can be returned to Elcraft for "adjustments" if it doesn't work just right? This was a real plus with Dick at OHR.

Tom
WB2QDG

>
> Been quite a while since you had anything repaired, huh? Normal
> electronic shop rates run between \$50 and \$100 per hour! Normal garage
> rates are also up there!
>
> 73
>

Date: Thu, 28 Oct 1999 18:54:29 EDT
From: kc8aon@juno.com
To: qrp-1@Lehigh.EDU

Subject: [54493] K2 Squable !

Message-ID: <19991028.191657.4655.3.kc8aon@juno.com>

FOR CRYING OUT LOUD ! If you think it costs too much, then don't buy one - get one of them there 1 watt crystal controlled, single band, plastic case and knobs (that costs extra) rigs for \$29.95 plus S&H and that don't even include a receiver ! If you bought one and don't like the screws - replace them ! If you can't find replacements - don't worry cause it won't hurt anything anyway, my Yaesu rig uses "panhead screws" and it works ok ! We lost Heathkit, must we lose another ? I bet most of you spend more money than that in a year on beer and cigarettes ! The main thing is: GET OVER IT AND LET THE LIST BE USED FOR SOMETHING MORE CONSTRUCTIVE ! ! ! Believe me, I'm not hounding anyone for expressing their opinion - that's a God given right ! The fact is: I think we get the point - NUF ALREADY !

72.....KC8AON

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Date: Thu, 28 Oct 1999 18:21:41 -0500

From: "John Fisher" <jfisher2@austin.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [54494] Re: ARP-F

Message-ID: <000701bf219b\$3124b540\$b7315d18@austin.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

My understanding is that ARF-F is accessible only by web browser. It doesn't come to your mail. You have to go after it at:

<http://www.e-discounter.net/qrp-parci/>

I have never posted to this list before but I have very much enjoyed what I have learned here. I appreciate the opportunity to learn about "Forum" and "Chat" usage on the web. It seems pretty nice. I hope the general drop-off in traffic on QRP-L is short lived. I really appreciate all the fine things I have learned here. It's inevitable with over 100 messages per day that something has to change. It takes a while to wade through all the information. So I think this is a reasonable compromise. I hope this list will continue along with the new forum. I had the pleasure of meeting Chuck

at the Texas State Hamfest in Austin this summer. I learned a great deal from his excellent QRP presentation.

Regards,
John

```
=====
email:      jfisher2@austin.rr.com
web:        http://home.austin.rr.com/jfisher2
callsign:   KD5ENK soon to be K5JHF
=====
```

----- Original Message -----

From: George F Franklin <w0av@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, October 28, 1999 6:00 PM
Subject: ARP-F

> Hello Gang,
>
> Will someone please tell me how to subscribe to the "new" QRP-L?
>
> I tried my way but it didn't work.
>
> TIA and 72,
>
> de George/W0AV

Date: Thu, 28 Oct 1999 19:20:38 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <wb8qyy@one.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [54495] RE: Bifilar and trifilar windings.
Message-ID: <000501bf219b\$0c240d40\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup. When I was a kid back in the late 1960s, I worked (slaved would be a better word) at a company called Automatic Coil Co., Inc. in Mineola, New York. Automatic Coil wound hundreds of thousands of toroids of all sizes by machine. Trays and trays of toroids would roll off the winding machines every week.

My job as a kid (I was hired because I was a ham) was to test and tweak them using a Boonton Q-meter and a huge rack-mounted Hewlett-Packard frequency counter that used vertical rows of neon lamps for display.

Many of the toroids went into military gear, and some went into Technical Materiel Corp. (TMC) receivers such as the famed GPR-90.

The machines were operated by underpaid women (usually minorities). They were very fast, and fascinating to watch! Memories. Memories.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Dieter Gentzow - WB8QYY
Sent: Thursday, October 28, 1999 11:26 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Bifilar and trifilar windings.

Will wind TOROIDS for FOOD!

Has anybody ever seen a Toroid winding machine?

73 - Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
mailto:wb8qyy@one.net
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: Karl Kanalz <KKanalz@excel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, October 28, 1999 11:17 AM
Subject: RE: Bifilar and trifilar windings.

> Toroid, as named by the inventors, is the only correct spelling. The double

> "r" (torroid) is

> a regional variation, but it is not sanctioned in the electronics industry.

>

> Karl K - W8TIF

> McKinney, Texas

Date: Thu, 28 Oct 1999 19:30:17 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [54496] RE: K2
Message-ID: <0.72237ee8.254a3689@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

If you compare this rig to the Ten Tec Scout, there is no question that this would win hands down. I used to own a Scout and did like it, but it is nice to have all of the freq's in one package and not have to carry all the modules around with you. If you add up all the options of the Ten Tec it would cost more than the K2 .

Aron
N10DL

Date: Thu, 28 Oct 1999 20:00:55 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [54497] HW-9 For Sale
Message-ID: <3818E3B7.22070617@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, here goes.

With all the "hoopla" about the K2 pricing

How about an HW-9 plus power supply for \$300.00?

The Radio. . . .

1. Includes WARC Band Package
2. Has been used very little (about 7 QSOs - 5 by previous owner, and 2 by me)
3. Is in 100% cosmetic and electrical condition

(First QSO for me was Portugal at 5 watts on 20m)

The Matching Power Supply. . . .

1. Fine except for a scuff mark/slight scratch on the front face.

All original manuals included.

Ed,
AA3SJ

Date: Thu, 28 Oct 1999 19:07:44 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54498] Re: Bifilar and trifilar windings.
Message-ID: <003101bf21a1\$a0eb7520\$3b7054d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm still not perfectly clear on this. When they say, "10 twists per inch" and it trifilar, should I count 30 crests per inch?

I guess it really is clear, it just seems like some pretty serious twisting. How important is it to have say 10 instead of 5 or so?

Spelling: I like to try to spell things correctly. I was embarrassed a while back when I realize the "torroid" label on my parts bin and the "torroid" sheet in my Excel parts spreadsheet were incorrect.

72,

Nick, WA5BDU
in Arkansas

Date: Thu, 28 Oct 1999 17:17:05 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [54499] MRX 40 stability ...
Message-ID: <3818E793.47140295@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i have an MRX40 that motorboats ... badly. IF i can get it to settle down, it works OK. I'd like to be able to tame it, so any suggestions?

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Thu, 28 Oct 1999 20:16:44 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [54500] N/T+ FOX hunt = SOON :-)
Message-ID: <199910282020_MC2-8AD3-7CB2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Thanks already for your interest in the N/T+ FOX hunt. Several ops have volunteered and are working on their proposed skeds. I am working on the rules, and may have them on the new N/T+ web page (thanks, Mary NA6R) tonight or tomorrow. Will announce the url for this page very soon. I also plan to post the names/calls of all N/T+ ops on the page.

NOTE: There is still room for more operators. If *YOU* are interested, or if you know someone who might want to be a N/T+ FOX for this season, contact me right away.

I believe we will be underway NEXT week. BTW, we will hold the N/T+ FOX outings on different nights than the General + hunts. This will spread things out a bit and also give more of us a chance to work in both hunts.

Get ready, everyone. We want to encourage these N/T+ ops and help them upgrade. Thanks.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Fri, 29 Oct 1999 00:20:13 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [54501] QRPp 1993-1997 Available
Message-ID: <4.1.19991029001537.029a67d0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have all QRPp's from 1993 through 1997 available.
The 1993, 1994, 1995, and 1996 volumes are bound
collections as sold as sets by NorCal (cost \$55 + s/h).
Additionally, the 1997 volumes are included individually.

I will let them all go for \$35 + \$3 s/h.

Thanks, Brian

--
Brian K. Short <http://www.qsl.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Thu, 28 Oct 1999 17:24:18 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [54502] K2<=> Meade ETX-90
Message-ID: <3818E945.779D6D64@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ahem...

If you are also an astronomer, you may remember what happened when the first of the Meade ETX-90's came out, and what happened to the price. The original price was \$495, and the demand was so great that there was a waiting list, and if you wanted to buy one with out the wait, they would get resold for \$600 or more. Meade upped the price to \$595, where it is today. It's also currently in it's 2nd revision, and now has 'goto' capability.

I don't own a K2 or ETX, but do have a Meade LX50.

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Thu, 28 Oct 1999 20:51:38 EDT
From: AC6JA@aol.com
To: qrp-l@lehigh.edu
Subject: [54503] GOT NEW RADIO SHACK HTX-10!
Message-ID: <0.c7bb5940.254a499a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

picked up one of the NEW HTX-10 SSB/FM 10m rigs here in the SF bay area.
sure was difficult finding one! called 1-800-THE-SHACK and they didn't show
any in their computer or their warehouse. they told me to call the Regional
Office. the Regional Office said that 13 were being shipped to stores in the
Bay Area but didn't know which stores would be receiving them. they called
me back later telling me they located a store in my area that would be
receiving one on friday. picked it up on saturday morning and been playing
with it ever since.

been happy with it so far. rig does NOT have CW, but does USB, LSB, FM, and
AM.
puts out 25 watts on all modes except AM, where it puts out 7 watts.

rig tunes down to 1khz steps but does have a fine tune knob which varies both
the tx and rx freqs together.

rig also has a high cut audio filter and noise blanker.

gonna put the rig permanent in the car, but have used it only in the shack so
far. first contact was new zealand at 25 watts using only a mobile whip
attached to the balcony railing.

will report further on findings.

mike AC6JA

Date: Thu, 28 Oct 1999 19:51:17 -0500
From: "steve" <scd@zebra.net>
To: <qrp-l@lehigh.edu>
Subject: [54504] Newbie!!

Message-ID: <004901bf21a7\$b63d7800\$8e060cd1@steve>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am wanting to set up a qrp station can someone help with me what type of equip?? I have seen a ton of qrp rigs here on the internet but just dont know which way to turn!!! thanks for any suggestions Steve
Kb4pth

Date: Fri, 29 Oct 1999 01:08:43 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [54505] QRPp's Sold
Message-ID: <4.1.19991029010817.02a157b0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

They are sold with 2 backup buyers already.

--
Brian K. Short <http://www.qsl.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Thu, 28 Oct 1999 21:13:13 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [54506] IT'S ALIVE!!!!!!
Message-ID: <3818F4A9.81E5EDDE@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Plugged in my Tuna Tin 2 using my SW40+ for the receiver and had a QSO with W2IE in Delhi, NY. It's Tuna Tin Happy Dance Time here at N2EI!!!!

The spartan antenna switching seems to be a bit open to local broadcast band interference but I can live with that. For some reason it sees all my keyers as dead shorts and I had to switch over to a hand key. Kind of fun to rub the rust off my wrist.

I made a point of engraving "In Memory of W1FB" on the side.

This is what ham radio is really about.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 28 Oct 1999 18:09:47 -0700

From: Bob Hightower <ki7mn@extremezone.com>

To: ae2t@arrl.net

Cc: qrp-1@lehigh.edu, SFIKE@twa.com

Subject: [54507] Re: K2 criticisms

Message-ID: <199910290116.SAA27418@enterprise.extremezone.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 06:20 PM 10/28/99 -0400, you wrote:

>On 26 Oct 99, at 19:03, SFIKE@twa.com wrote:

>

>> 2-I still think that \$549 is *VERY* steep for an unassembled kit! This is
>> the price that Elecraft should be charging for a wired and tested
>> model(wich, by the way, they had originally planned to offer it wired and
>> tested along with a kit option. Don't know what happened to that idea, but
>> I liked it!)

Have you looked at the price of the OHR 500, for example? Only covers 5
bands instead of all of them, has an optional external digital display, and
an add-on keyer, all for a total of \$469.85. The K2 is not such a bad deal,
after all, eh?

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Thu, 28 Oct 1999 18:11:48 -0700

From: Bob Hightower <ki7mn@extremezone.com>
To: tmccullo@suffolk.lib.ny.us
Cc: qrp-1@lehigh.edu
Subject: [54508] Re: Elecraft K2 too expensive...NOT!
Message-ID: <199910290118.SAA27845@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:23 PM 10/28/99 -0400, you wrote:

>
>Hi Gang,
> This post brings up a question from a less than talented builder. Does
>anyone know if the K2 can be returned to Elcraft for "adjustments" if it
>doesn't work just right? This was a real plus with Dick at OHR.
>Tom
>WB2QDG
>

I don't know, but any problems I have run into have been promptly addressed by Eric and Wayne, and plenty of help is available on their e-mail list. There is a lot of satisfaction on working through any glitches you might encounter on your own, with help, and you don't have to sit without a rig for a couple of weeks.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Thu, 28 Oct 1999 18:29:48 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ELECRAFT <elecraft@qth.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54509] Re: Elecraft K2 too expensive...NOT!
Message-ID: <3818961C.B627B725@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, you can send it in for repair. See page 4 of the manual.

--

73, de Roger, N7KT
qrp-1 #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Thu, 28 Oct 1999 21:52:20 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [54510] HW-9 is Sold
Message-ID: <3818FDD4.78DA72D6@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the response.
The HW-9 is sold.

Ed,AA3SJ

Date: Thu, 28 Oct 1999 18:57:57 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <AC6JA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54511] Re: GOT NEW RADIO SHACK HTX-10!
Message-ID: <01bf21b1\$056fbc40\$6d3a77cc@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The local Radio Shack in Newport Oregon has one...looked pretty nice.
Haven't
had a chance to listen to one yet...

73 and with no ties to RadShack, John K7FD

>picked up one of the NEW HTX-10 SSB/FM 10m rigs here in the SF bay area.
>sure was difficult finding one! Mike AC6JA

Date: Thu, 28 Oct 1999 22:01:26 -0400
From: "Nick Yokanovich" <n0ny@toad.net>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54512] Re: OT Spring for J-38
Message-ID: <00b401bf21b1\$84110860\$a07296d1@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I already deleted the original but if the person who asked
will send me an s.a.s.e. I will send him one. I have only one,
so originator please send me an e-mail to make yourself known!
Nick, K3NY, 108 Brent Road, Arnold, MD 21012

Date: Thu, 28 Oct 1999 21:16:46 -0500
From: Roy Crosier <crosier@toto.net>
To: qrp-1@LeHigh.EDU
Subject: [54513] QRP definition
Message-ID: <3819038E.32BD11F8@toto.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone give me a definitive and final statement
about what is considered QRP for the FM voice mode?
I am primarily interested in 10 FM, but VHF/UHF
would obviously be included. Since there is no "PEP"
in the normal sense, is 5 watts FM QRP since the power
is a constant power, like CW, or are we using 10 watts
since it is voice?

I know that "real men" use CW or SSB, but I have fun
with 10 and 6 FM. I once had a 10 watt 6M signal from
Canada to Kansas peg my signal meter quite soundly.
When the other operator cut back to 2 watts I still had
a 60dB over S-9 reading. He didn't believe that I was
not in his home city until he received my QSL card--and
he still accused me of being mobile at the time of the QS0!

72, Roy Crosier

KE0UQ

Date: Thu, 28 Oct 1999 22:38:24 EDT
From: kc8aon@juno.com
To: qrp-1@Lehigh.EDU

Content-Transfer-Encoding: 7bit

An e-mail from Bob Hightower KI7MN points out the very obvious fact that the Tuna Tin keys the VOLTAGE line!!! Those "dead shorts" I thought I was seeing on my keyers was actually the keyers almost self destructing. Good thing they both had robust keying transistors or I may have made a real mess of things. The problem SHOULD have been obvious but I was so juiced that the Tuna Tin worked I wasn't paying attention and almost damaged my keyers the night before the Zombie Shuffle. Learn from my inattentiveness. If your keyer doesn't have a relay in it dig out the hand key for the full Tuna Tin experience.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 28 Oct 1999 19:33:17 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-l@lehigh.edu
Subject: [54516] Electronics Question
Message-ID: <3819076D.947E311B@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wonder if someone might offer some simple engineering help. I am building an antenna that will use a motor to tune it. The motor is 12V DC. I would like to cut it's speed down so that I can have a fine tune.

I would like to do this with a resistor bridge. I would like the voltage to be say 6V. Using the formula: $E = E_{in}(R1/(R1+R2))$ I can calculate that if $R1=R2$ the voltage will be half. This would be true with 2 50 ohm resistors, it would also be true with 2 50K ohm resistors.

But how do I calculate the size of the resistor (value and wattage)? I know it would have something to do with the current that the motor will draw, which is about 100mA. I know I need to use ohm's law. I am not sure how to apply it.

I think I would use: $E=IR$ $E/I=R$ $12-6=$ $6V/.1A=$ 60ohms

$$P=IE= .1A*6V= 0.6W$$

So if I use 2 60 ohm resistors, they would need to dissipate .6W so I could start with 2 50ohm 1W resistors and be safe? Am I close? The reason I am confused is this is how I would calculate it if I was using a single resistor in the power line.

What is the advantage of using a voltage divider Vs a single resistor in the power lead?

I hope this falls into the guidelines of the list, it is for a QRP antenna.

Thanks.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Thu, 28 Oct 1999 23:03:14 -0400
From: "w2xn" <w2xn@netzero.net>
To: <qrp-l@lehigh.edu>
Subject: [54517] Keyer Connection Question
Message-ID: <002501bf21ba\$2932ec20\$d41e3004@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone every installed the KC-1 Keyer/Freq. Counter in the OHR-100A ?
If so, where did you connect the "Mute" connection ?

Fred W2XN
Lakeland, FL
ARRL, ARES, Skywarn #POL-007, W5YI VE
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Thu, 28 Oct 1999 20:03:36 -0700
From: "Bruce" <Bruce2@prodigy.net>
To: <qrp-1@lehigh.edu>
Subject: [54518] TenTac 1320 for sale
Message-ID: <001101bf21ba\$34b9f8e0\$3b809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I build much more than I can really use.
Rig count is building up on me.
Have TenTac 1320 QRP rig fully built, with enclosure, knobs and manual.
Doubt if I have used it over 2 hours. Perfect Condition, no scratches, brand
new. Just sitting on a shelf.
Will sale for \$75. and ship to you. Advise my personal email if interested.

Bruce WB4WZL (a ham for 49 years)

Date: Thu, 28 Oct 1999 23:24:57 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [54519] twin lead help please
Message-ID: <0.d8f0ce7a.254a6d89@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Tnx to all who answered my question regarding an 80 M dipole on the condo
roof (FORBIDDEN) and using it on 40;20;15;10 M. The consensus was that win
lead is best bay far. Since this must be invisable as it goes up the side of
the building for about 25 feet I anticipate replacing the coax I have hidden
in a conduit with twin lead. My question is.... Can I use old fashioned T.V
lead in wire..that 300 ohm brown stuff that can tolerate the trip in the
conduit?

Again tnx for any help. I am getting closer to getting back on the air with
my forbidden antenna.
72/73 de WA2EAW..Bob

Date: Thu, 28 Oct 1999 23:37:06 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [54520] N/T+ Web Page w/FOX hunt rules
Message-ID: <199910282339_MC2-8ADF-14AF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

I am happy to announce our new N/T+ Fox web page. It was put together by Mary NA6E (see, I *can* type it right!).

She will be putting the new rules on page, probably tonight. Please browse there for them.

Here is the url: <http://www.qsl.net/na6e/nt+foxhunt.html>

ASAP we will add the names/call signs of the new crop of N/T+ FOXes. Gotta confirm some details with them, and then we'll be ready.

As I said in an earlier post, I am planning to get the first N/T+ FOXes out of their dens next week. They will post their schedules to QRP-L ahead of time.

Thanks again for your interest in helping these operators.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Thu, 28 Oct 1999 23:51:16 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [54521] FS: K2 clone
Message-ID:
<Pine.LNX.4.04.9910282335510.1328-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got your attention didn't I?

- This rig operates CW qsk
- SSB option included
- 160 meters included
- optional connections on back panel for transverter included
- noise blanker included
- optional cw filter included
- optional knob controlled 2-100 watt amplifier included
- AM,FM transmit and receive included
- Split receive included
- Frequency scanning and memory included
- LCD display included
- Speech compressor standard
- Built in pre amp standard
- General coverage receive standard
- latest firmware
- Manual
- broadband tuning
- Hand mic included
- Dimensions 95mm H ,241mm W and 239mm D.
- The rig runs off of 13.8vdc *

* For a limited time an External AC supply is included

The proposed name for this rig is Icom 735, but the name can be covered up if desired. It comes completely assembled. I can disassemble it for you but there would be an extra charge for that service :-)

Limited time offer \$600.

Happy Halloween.

73,

Jim n2go

Date: Fri, 29 Oct 1999 04:05:16 -0400
From: patrick m kvitkauskas <pmk@juno.com>

To: jskalski@localnet.com, qrp-l@lehigh.EDU
Subject: [54522] Re: FS: K2 clone
Message-ID: <19991029.040528.11622.2.pmk@juno.com>

How can it be a clone if it don't have dual antenna jacks hi hi ???

Sorry just couldn't resist.

72 de Patrick KD4OBQ

AR
send replies to
pmk@juno.com for faster service (checked twice daily)
pmk@bellsouth.net to send pictures
<http://www.qsl.net/kd4obq/> QRP site
<http://homestead.juno.com/pmk/FILES/INDEX.HTM> R/C soaring site

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 28 Oct 1999 21:34:50 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: tmccullo@suffolk.lib.ny.us
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [54523] Re: Elecraft K2 factory alignment?
Message-ID: <381923E9.BF2FE8CC@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, we will tune 'em up for our minimum service charge. Email me direct if you want more info so we can keep the list traffic down.

73, Eric WA6HHQ

You Wrote:

Hi Gang,

This post brings up a question from a less than talented builder. Does anyone know if the K2 can be returned to EleCraft for "adjustments" if it doesn't work just right? This was a real plus with Dick at OHR.

Tom
WB2QDG

Date: Thu, 28 Oct 1999 22:04:28 -0700
From: Jim <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [54524] Ten Tec Century 21 for sale
Message-ID: <38192ADC.C8AEF5DB@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I have two Century 21 cw transceivers for sale. One is in perfect working order and looks quite nice. \$150. The other looks quite nice but the finals are apparently popped. It receives well on all bands. \$100, as is.

Contact me for shipping costs. Thanks. Jim W7LS

Date: Fri, 29 Oct 1999 00:32:45 -0500
From: Johnny <km5im@telepath.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54525] Info needed on Balums
Message-ID: <3819317C.6BABF4BF@telepath.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

What is difference between a 1:1 balun and a 4:1 balun with 50 ohms coax feed in it? Please e-mail me.

Johnny

Date: Thu, 28 Oct 1999 22:49:38 -0700
From: Jim <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [54526] Ten Tec keyers and calibrator for sale
Message-ID: <38193572.57885757@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I found some other stuff to sell:

Ten Tec 607 keyer \$40
Ten Tec 679 keyer \$40
Ten Tec calibrator (#276) \$40
Ten Tec PM-3A and matching AC supply (\$TBD) I'll list it next week.

Shipping is extra, but not too bad. These are lightweight items. Less than \$5, probably. Jim W7LS

Date: Thu, 28 Oct 1999 23:14:35 -0700
From: Dave Fifield <fifield@pacbell.net>
To: mitymik@wenet.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54527] Re: MRX 40 stability ...
Message-ID: <00a901bf21d4\$e29ebb20\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Mick,

Try putting a 0.01uF capacitor from the audio output to ground.
That worked for me.

72, Dave Fifield, AD6A

> i have an MRX40 that motorboats ... badly. IF i can get it to settle
> down, it works OK. I'd like to be able to tame it, so any suggestions?

Date: Fri, 29 Oct 1999 14:23:26 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54528] ANT: Antenna 101 with a Call?
Message-ID: <19991029062326.FTDX509@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Greetings to all !
Will be giving a short talk to my school scouts on QRP and antennas...
Need something different ! Will only do popular ham antennas/aerials with a call.

Hope to show them...we hams do invent our own antennas.
I have this in my list. Can anyone add to it ? All helps with a brief
descriptions will be deeply appreciated.

G5RV
W3DZZ
W8JK
HB9CV
W3EDP
VS1AA (The 'Malaya' Multi-bander, an antenna from my own backyard !)

Some more guys/gals....

72's de Sly, 9M8SL
>From 'The Hidden Paradise of Borneo'

Date: Fri, 29 Oct 1999 00:33:23 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [54529] ZOMBIE: Amended Official Zombie Shuffle Rules
Message-ID: <38193FB3.C017A471@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Official Rules for the Zombie Shuffle

Why: Because Zombies don't sprint.

When: Friday Nite, October 29, 1999
Any 4-hour period you choose from your local sundown to
local midnight. You can split it into two sessions if
interruptions are unavoidable.

Special DX Rule: operate any 4-hour period as above, or
split it into two sessions if you need to, between 2200Z
10/29 to 0700Z 10/30. This includes HI and AK.

Where: 20, 40, and 80 meters
Somewhere in the vicinity of the QRP gathering/calling
frequencies (14.060, 7.040, 7.110, 3.560, 3.710), be
considerate of others because they may not know about

Zombies, also spend some time in the Novice frequencies too....all Zombies are brothers in spirit after all.

How: CW only
QRP only (5 watts or less power out)

What do I say: RST, SPC, Name, Zombie number
-RST is a signal report
-SPC means state, province, or DXCC country
-Name is what everybody calls you....watch it!
-Zombie Number is that series of numbers at the bottom of your Zombie badge....or you can use your local telephone area code if you don't have a Zombie number; please use only one number (if you have more than one Zombie number you might want to use the higher of two since it's worth more points ;>)

Note: if you're using a Tuna Tin 2, add /TT2 after your callsign
if you're a YL op, then add /YL after your callsign
if you're a Junior Zombie station (any op that's 18 yrs or younger, and is a Novice/Tech+ or working with a control operator present, such as an Elmer or someone who is licensed to use the above frequencies) then add /JR after the callsign used and remember to add your age after the Zombie number used

Okay, one more note: last year everybody decided CQ B00 was fun to use (and a lot shorter) for calling CQ

Fun Scoring: Your score is going to be the sum of all Zombie numbers and telephone area codes worked on ALL bands! Stations can only be worked once per band however. Then you're going to add in all the special bonus points and stuff to arrive at a really big score! Use the Official Zombie Score Sheet... it's a whole lot easier than trying to explain it all here.

Okay, now what: Send your logs by December 1, 1999, to the Contest Coroner below, along with some other stuff, depending on what you want to do. Be sure to include the Official Zombie Shuffle Score Sheet, otherwise your log will be used as a check log, so fill it out completely! Pretty please???

If you want a cool certificate for participating -- send your logs, score sheet, and a business-sized (#10) SASE envelope to the Contest Coroner.

If you want a cool Zombie pin and certificate then you have to earn

it -- send your logs, score sheet, and \$2 (US Funds) P/H for each pin requested (one per op please) to the Contest Coroner. A return address label would put you on the Coroner's "Most Liked" list too :-) You earn a pin by doing one or more of the following things: work 13 or more QSO's using any rig at 5W or less (or 5 or more contacts if you're a Junior Zombie station); or work 5 or more QSO's using a Tuna Tin 2 yourself (clearly mark these in your log); or work 5 or more QSO's with somebody else that's using a Tuna Tin 2.

Who's the Contest Coroner: Well, that'd be lil ol' me...

Jan Medley, N0QT
Zombie Shuffle Contest Coroner
PO Box 1768
Socorro NM 87801

What if I don't want a certificate or pin: okay...it's a free country... so in that case, you can e-mail your log to the Contest Coroner. Please use plain ASCII text ONLY!!!! No fancy-schmancy stuff (like html or word processor documents and spreadsheets) because it will be deleted. Be sure to put your Callsign and "Zombie Log" in the subject line and send it to: n0qt@arrl.net

Oh, one more last minute thought about sending in your log. The minimum information your log should show is: Band, Callsign of station worked, exchange received, exchange sent (at least the RST), and the time in UTC. Don't forget to leave a column free for Junior Zombies who will be adding their age to the exchanged info.

72 and Ghould Luck in the contest!
Jan, N0QT

Date: Fri, 29 Oct 1999 00:33:40 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [54530] ZOMBIE: Amended Official Zombie Score Sheet
Message-ID: <38193FC4.43F57C03@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OFFICIAL ZOMBIE SHUFFLE SCORE SHEET

Callsign used: _____ (/TT2,/YL,/JR) Zombie#/Area Code: _____
Ops (Name/Call): _____
Address: _____

City: _____ State: _____ Zip: _____
Rig(s) and Power used: _____
Antenna(s) used: _____
Cause of death: _____

- 1) _____ Number of stations worked on ALL bands -- this really isn't used for anything, just being nosy.
- 2) _____ Sum of Zombie numbers -- add up ALL Zombie numbers and area codes worked on ALL bands. BE CAREFUL! This could be a really big number!

BONUS POINTS:

- 3) _____ Add 666 points for EACH Tuna Tin 2 worked on ALL bands (666 x _____).
- 4) _____ Add 666 points if you used a Tuna Tin 2 for at least 5 QSO's -- these must be clearly marked in your log.
- 5) _____ Add 666 points if you worked more than 13 stations.
- 6) _____ Add 666 points for EACH YL/Witchess worked on ALL bands (666 x _____).
- 7) _____ Add 666 points if you worked Elvis.
- 8) _____ Add 666 points for EACH Junior Zombie (age 18 yrs or under) worked on ALL bands (666 x _____). [HINT: Novices or Junior Zombies -- you can work the Shuffle if a control operator is present. Remember to send your age.]
- 9) _____ Add 666 points for EACH Grand Zombie worked on ALL bands (666 x _____). (These are Zombie numbers 000-025, including W1AW or W1RFI)
- 10) _____ Add 666 points if at least one QSO was on 80 meters.
- 11) _____ Add up lines 2 through 10, pretty big number ain't it?!

SUPER SPECIAL SPLENDIFOROUS REALLY SPECIAL BONUS POINTS:

- 12) _____ Add 1,000 points if you worked W1AW or W1RFI at any time during the weekend (Fri - Sun), be sure to show it in your Zombie log if it wasn't during The Zombie Shuffle.
- 13) _____ TOTAL SCORE. Add lines 11 and 12.
(And it still comes out to 13 lines!)

Please mark all that apply:

_____ I only want a certificate, so I've enclosed a #10 SASE for you to mail it back to me.

_____ I want a pin and certificate cuz I've earned it and am sending \$2 (US funds) P/H for each pin (1 per op shown above) and a nifty return label because:

_____ I made 5 or more contacts using a Tuna Tin 2 and it's clearly marked in my log.

----- I made 13 or more contacts using any other kind of rig at 5W
or less.
----- I worked 5 or more Tuna Tin 2's and it's clearly marked in
my log.
----- I made made 5 or more contacts as a Junior Zombie station.
----- I don't want any of that stuff, but here's my log and score sheet
cause it was lots of fun.

Date: Fri, 29 Oct 1999 02:46:16 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [54531] Re: Info needed on Balums
Message-ID: <3.0.32.19991029024612.0073f8c4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:32 AM 10/29/99 -0500, you wrote:

>Hi
>
>
>What is difference between a 1:1 balun and a 4:1 balun with 50 ohms coax
>feed in it? Please e-mail me.
>
>Johnny
Johnny ,
I think there is info about baluns in the handbook. A 4:1 needs
4 times as much Helium....But depending on the amount of 50 Ohm
coax feed and cows,rats,etc it might take more to lift off.
Pete NV4V

Date: Fri, 29 Oct 1999 17:18:20 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54532] Re: QRP-L Topic List
Message-ID: <38194A3C.1FE9F4A3@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck,

Could you also consider a HELP (GENERAL) section? It is definitely a
"value added" section of QRP-L. I know you suggested check elsewhere
etc. before asking, but I think there does exist a valid requirement for

help.

You can check the local library, search engines etc. however nothing will beat the personal experience of your neighbour and his / her solution.

Just a thought from a very grateful beneficiary of the combined experience of this list in all things.

--

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

Date: Fri, 29 Oct 1999 01:39:13 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [54533] PROP: Zombie Outlook
Message-ID: <Pine.SUN.4.10.9910290111580.26624-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Here's the solar/geomagnetic information based on thursday's data for those of you on digest. I'll post an update to qrp-l friday when the daily RSGA report is issued.

The solar flux remains high at 187 today. The geomagnetic field remains unsettled to active due to another high speed coronal stream. This will keep 40 and 80M a bit noisy, but nothing really out of the ordinary for the active sun. At midnight local time, 40M is still sporting signals, and the noise level is about S-3 here. In other words, to me anyway, it sounds pretty typical for 40M. No bursting static crashes (that's usually what you start getting with a minor geomagnetic storm).

So 20M should be quite good with the high solar flux, and 80-40M about typical. Should support plenty of activity regardless of the band you decide to work for the shuffle, or do some bouncing around.

For those who have asked, I will continue to post these reports and

tutorials on qrp-l. After all, Chuck created a category for this, and I'd feel guilty if I didn't use it. :-) I will not be reposting it to qrp-f however, due to time constraints. I just don't have the time to support both groups. So all of my posts will remain on qrp-l, and hope so do you.

Now back to this coronal stream stuff. The solar wind is the constant outward pressure of particles from the sun, which presses against the Earth's magnetic field, distorting it a bit. During the active sun, holes form on the sun that allow an extra dose of particle radiation to escape. This particle radiation tends to be somewhat confined, which is why they call it a "stream." A narrow band of particles spewing out from the sun, which often flows along with the solar wind. Sometimes it "rides along" with the solar wind, that is, at the same speed, and when it hits the earth, little or nothing occurs. Other times, the coronal stream travels along with the solar wind, but with a much faster velocity. Thus, as the Earth travels through the solar wind, the velocity is constant with the solar wind, then all of a sudden, the velocity increases when it passes through the coronal stream. This sudden increase in solar wind speed will distort our magnetic field, causing geomagnetic disturbances. It is difficult to predict where, when and if the Earth will make contact with such coronal streams. The only real indication is when one of the solar spacecraft, such as ACE, detects it. But even there, the stream may hit the satellite and miss the earth, and vice versa.

It is important to point out this particle radiation travels towards the earth relatively slowly, taking 3-4 days to reach us from the sun. Average solar wind speed is around 300-500 km/sec., and a high speed stream is usually around 600-800 km/sec. This is MUCH slower than the speed of light. So if a high speed stream were to hit us tomorrow night to muddy up conditions a bit, it is the result of particles leaving the sun late Tuesday or Wednesday. There is no way to measure how much particle radiation leaves the sun until it encounters one of our satellites with such sensors, and most of those are relatively close to the earth, providing very little warning. Coronal holes and streams are just one of those things we have to put up with during an active sun, but seldom cause major or severe storming in themselves.

72, Paul NA5N

Date: Fri, 29 Oct 1999 00:44:58 -0700
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [54534] FIND: Carl-Arne Sundstrom?
Message-ID: <013101bf21e1\$85f8da60\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Anyone have an email ID for this guy that works?
I have been trying to reply to him for weeks now
on a Red Hot Radio question, but his email
server just rejects the address on his emails.
He's hopping mad now, cuz he thinks I don't care
about him....hope he's reading this - Arne - fix your
darned incoming email server - I can't send you
anything till you do!!!

Address I have is arne.sundstrom@telia.com

Thanks for any help here....
72, Dave Fifield, AD6A

Date: Fri, 29 Oct 1999 03:51:25 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ai2q@ispchannel.com
Cc: qrp-l@lehigh.edu
Subject: [54535] Atlas 210X
Message-ID: <381951FD.56C2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ai2q,

I agree completely. Although I have since sold mine, I had it in Europe
and lent it to a friend to take on TDY down to Gibraltar. The first
night he made no contacts, the second night he discovered he had to hook
up an antenna! The radio, which was a mil-spec design to begin with,
came through it perfectly! Would I buy another one? In a hot
heartbeat!

73

Date: Fri, 29 Oct 1999 02:25:17 -0600

From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54536] Zombie night de WB5QYT
Message-ID: <381959ED.3CF3@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Heck, my TT2 did not arrive today and tonight is the test!

So instead I will be on with my "Bare Essentials Xmtr" and for the rcvr, with use the Motorola R-390. Antenna will be a 40m zepp.

The Bare Essentials Transmitter uses a 50C5 and I think it puts out about 3 or 4 watts. Mine is built on a piece of plywood. And, if you put your pinkies in the wrong place it bites back!

So, listen up for my 1968 Novice xmtr....I'm going to turn out the lights so I can see the tube glow blue during keying.

Hope to work a bunch of Zombies!

72, Tom WB5QYT Zombie # 205...."Have spud will travel!"

Date: Fri, 29 Oct 1999 05:03:28 -0700 (PDT)
From: Marty Squicciarini <marty_skitch@yahoo.com>
To: QRP-L List <qrp-l@Lehigh.EDU>
Subject: [54537] Ant and Feedline questions - Long
Message-ID: <19991029120328.14636.rocketmail@web1105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

First it nice to be back on the list. This is a great group.

>From the group I know I want to use a resonant ant and use ladder line to feed it with as short a run of coax as possible.

I want to build multi band dipole for 80, 40 and the WARC bands. Does anyone have plans and/designs for something like this. I want the dipoles to be parallel to each other. How far apart between each

dipole? What is the best way to bring all the wires together at the center conductor? How much of a change in the length of the wires can I expect because of interactions between the different dipoles?

Now for the questions about the feedline. I want to use ladder line from the center of the dipole to the tower. The tower is about 20-30 feet from the center of the dipole. Should I continue running the ladder line down the tower (about 20 ft) and under my deck (another 20 ft) connect it to a 1:1 balun and a 15 ft run of coax to the radio. Can I lay the ladder line under the deck on the ground or should I attach it to the under side of the deck (safely somehow).

The last question. What kind of wire should I use? Since I want this to be up for awhile. Comment on CCS or copper strains.

Thanks for taking the time to read all this and thanks for any suggestions.

=====

Marty Squicciarini
marty_skitch@yahoo.com (anywhere)
m_squicciarini@cbtech.com (work)
skitch@resuba.com (home)

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 29 Oct 1999 08:43:51 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <Drbob92031@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [54538] RE: twin lead help please
Message-ID: <000201bf220b\$41b48f00\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bob:

When I moved into my YL's QTH about ten years ago (I've since married her and moved to Maine) there were few opportunities for an antenna. However there were numerous TV antennas on the roof of the building. So, I ran TV twin-lead to a thin-wire dipole suspended about ten feet off the roof. I made it as long as possible and fed it with the crummy TV stuff--although I used the highest quality type I could find that was the "right" color.

In any case, it came into the QTH through, or past, a metal-framed window. It then ran along the wall, and then under a metal door jamb, and finally to my balanced homemade tuner. I used an Argonaut 515 running a few watts on CW, SSB, and AMTOR.

I made so many contacts I couldn't believe it. I carried on on SSB, ragchewing for 15 minutes at a time on 20 meter fone--rarely telling the guy on the other end I was running QRP.

The AMTOR contacts were superb; all s-o-l-i-d. And, I worked a lot of DX with it.

Prior to this installation I was always able to pay attention to proper insulation and spacing of the open-wire feeders. But in that QTH, it was not possible if I was going to maintain my stealthy non-profile.

Sometimes antennas are amazing. It makes me wonder if the clip-lead on my signal generator is causing QRM somewhere!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Drbob92031@aol.com

Sent: Thursday, October 28, 1999 11:25 PM

To: Low Power Amateur Radio Discussion

Subject: twin lead help please

Tnx to all who answered my question regarding an 80 M dipole on the condo roof (FORBIDDEN) and using it on 40;20;15;10 M. The consensus was that win lead is best bay far. Since this must be invisable as it goes up the side of the building for about 25 feet I anticipate replacing the coax I have hidden in a conduit with twin lead. My question is.... Can I use old fashioned T.V lead in wire..that 300 ohm brown stuff that can tolerate the trip in the conduit?

Again tnx for any help. I am getting closer to getting back on the air with my forbidden antenna.

72/73 de WA2EAW..Bob

Date: Fri, 29 Oct 1999 08:32:28 -0500
From: David Heintzleman <bchurch@megavision.com>
To: qrp-1@Lehigh.edu, antennas@qth.net, tentec@qth.net
Subject: [54539] tuner
Message-ID: <3819A1EC.D1C17FDA@megavision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all - in need of tuner info on tentec AC-5, the little tuner that I got with my first argonaut 509 - dumb enuf to sell the set up few years ago.

need schematic - source of suitable capacitor

also, suggestions as to capacitor source/type to do a higher power version - when I take my Triton IV out portable.

need to build something to make up for selling a EF Johnson matchbox -

Thanks

Dave K8BBM

Date: Fri, 29 Oct 1999 09:57:56 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "ham-pic" <ham-pic@qth.net>, "QRP-L" <qrp-1@Lehigh.EDU>
Cc: <jcowgar@cbnews.org>
Subject: [54540] HB & PIC: Re: DDS - AD98xx - Where can I get one?
Message-ID: <011701bf221e\$01292460\$1d98accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeremy,

Analog Device DDS chips can be obtained from distributors of Analog Devices. A good technique to use is to look up the manufacture's website (<http://www.analog.com> in this case), follow the links to its sales or distributors page, and give them a call. Here's the direct link to their distributors page: <http://www.analog.com/product/distributors.html>

You'll find that Avnet Electronics carries Analog Devices and their sales number is (800) 332-8638. Tell the sales person what you want and they can mail it out to you right away (if in stock.)

The AD9850BRS is in stock and is about \$24 in low quantities, shipped to your door. The less expensive, lower frequency AD9832 is about \$9.

This search technique works for most kinds of parts. If your local Radio Shack doesn't carry the part; or if your friendly QRP suppliers like HB Electronics http://users.ids.net/~hb_elec/, or Dan's Small Parts <http://www.fix.net/dans.html>, don't carry it; or if the mail order shops like Digi-Key <http://www.digikey.com/> or Mouser <http://www.mouser.com/> don't carry it ... you can always resort to commercial/industry supply houses and distributors like this. And the vendor's website is the place that lists them.

Man, I love to QRP Homebrew and there are all sorts of ways to find parts! Good luck!!

(And BTW, that DDS project you sited below is a real popular one with the PIC programming crowd. It's actually a generic DDS project based off the now-classic QEX article by Curtis Preuss WB2V, with the pcb available for about \$7 from Fred at FAR Circuits <http://www.cl.ais.net/farcir/> ... how did we *ever* do without the Internet before for fast and easy reference material!! :-)

72, George, N2APB
n2apb@amsat.org

>-----Original Message-----

>

>I am interested in the DDS VFO project that I have found: <http://www.njqrp.org/mbproj/9850dds.html> and you're listed as the author, however I cannot find a AD9850 to purchase. Can you tell me where I can get one? What store?

Jeremy - KB8LFA@qsl.net

Date: Fri, 29 Oct 1999 09:56:58 -0400
From: "Al Gritzmacher " <ae2t@localnet.com>
To: Bob Hightower <ki7mn@extremezone.com>
Cc: qrp-l@lehigh.edu, SFIKE@twa.com
Subject: [54541] Re: K2 critisisms
Message-ID: <199910291408.KAA28292@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 28 Oct 99, at 18:09, Bob Hightower wrote:

> At 06:20 PM 10/28/99 -0400, you wrote:
> >On 26 Oct 99, at 19:03, SFIKE@twa.com wrote:
> >
> >> 2-I still think that \$549 is *VERY* steep for an unassembled kit! This is
> >> the price that Elecraft should be charging for a wired and tested
> >> model(wich, by the way, they had originally planned to offer it wired and
> >> tested along with a kit option. Don't know what happened to that idea, but
> >> I liked it!)
>
> Have you looked at the price of the OHR 500, for example? Only covers 5
> bands instead of all of them, has an optional external digital display, and
> an add-on keyer, all for a total of \$469.85. The K2 is not such a bad deal,
> after all, eh?
>
> Bob Hightower KI7MN
>
>
> <http://www.extremezone.com/~ki7mn>
>

Not at all, I bought one and I love it! Worked Antarctica on 40 with
it last night!

=====
The amazing thing about QRP is not how many contacts are
made, but that they are made at all. Every QSO is a
contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Fri, 29 Oct 1999 19:49:56 -0500
From: Clifton W Sikes <ab5uacw@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [54542] FOX: AB5UA Monday night (2 Nov. 0100 UTC)
Message-ID: <19991029.194957.6742.1.ab5uacw@juno.com>

Here's the first announcement. I'll be away for the weekend, but will post a SHORT reminder Monday. Ron and OJ will be hard acts to follow, but will do my best.

I'm a traditionalist kinda guy, so will be running my tried and true OHR 400 @ 5 watts. Antennas will be a Butternut HF6V and a Windom. You have all seen the great tips, for getting into the log, and how to act like ladies and gentlemen. Nothing new from me. Just pay attention to what's going on, and listen more than you transmit. Look for me between 7.042-7.046, wherever there is a hole. The rig has a very nice RIT, and I WILL listen up and down. The time is 0100-0300, which after the time change, will keep me up past my bed time. Keep me busy, so I don't doze off and run over time!

All hits with flintlocks and longbows get double credit, in my book. Only one point, in the official score!

Have RIT, will travel.....

Clif AB5UA
Earlsboro, Ok (east of OKC)

in the official score

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 29 Oct 1999 07:46:43 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [54543] Optimist 80
Message-ID: <3819B353.1C88F7C0@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Friends,

I would like to hear about your first-hand experience with the Optimist 80 or any other QRP DSB transceiver design.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Fri, 29 Oct 1999 07:45:34 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [54544] Toner Transfer-2 sided board
Message-ID: <3819B30E.1988AF57@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I need some recommendations from you who have made a 2 sided pcboard with TONER TRANSFER scheme, either with LASER or INKJET printer. I have made single-sided pcboards with this scheme.

I am using PnP TONER TRANSFER FILM to create a small pcboard that will be two sided. I plan to etch the board in two steps.

Place image on side one and insulate side two copper, then etch the board. Next, coated unetched copper, apply coating to etched side for 2nd etch protection, heat board to apply 2nd side image to unetched copper. Etch, drill, finish board.

My question concerns

"what coating to use for insulating the bare copper."

Depending upon when I apply coating, I could be heating the coated board while transferring toner. Will plastic coatings melt? Do you do TONER TRANSFER before applying coating?

"What products are you folks using for "COATING"?
Varathane....liquid plastic from spray can?
Krylon...from spray can?
OTHER?????

What solvents do you use to remove the "COATING"
so copper can be made CLEAN enough to ACCPET 2nd
TONER TRANSFER image.

Some folks have used GLOSSY PHOTO paper for INKJETS by EPSON.
Can you folks also comment on what coating you use?
Do you avoid heating plastic coating? If yes, HOW?
Thanks for any help.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Fri, 29 Oct 1999 11:13:58 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <af389@lafn.org>
Subject: [54545] Re: Toner Transfer-2 sided board
Message-ID: <01a601bf2228\$a0963ce0\$1d98accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary Diana, N2JGU wrote an article for the premiere issue of
QRP Homebrewer on this very subject. It's entitled:
"Homebrewing Your Own printed Circuit Boards". He details
in his 4-page article the step-by-step process that he's
successfully used. Great reference piece.

The best bet for your list of questions is to get a hold of
the article (http://www.njqrp.org/data/qrp_homebrewer.html)
or see one of the article's references ("J. Grebenkemper,
"Ironing Out Your Own Printed-Circuit Boards", QST, July
1993, pp 42-44.)

72, George N2APB
n2apb@amsat.org

-----Original Message-----

>Hi,
>I need some recommendations from you who have made a
>2 sided pcboard with TONER TRANSER scheme, either with
LASER or INKJET
>printer.

Date: Fri, 29 Oct 1999 11:26:16 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [54546] CONTEST: QRP Contesting This Weekend
Message-ID: <3.0.6.32.19991029112616.00929830@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

October 29-31, 1999

~~~~~  
Ten-Ten International Net Fall QSO Party (CW) ... QRP Category

Oct 30 - 0000z to Oct 31 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

~~~~~  
The Zombie Shuffle \*\*\* QRP Event \*\*

Oct 29

Info: <http://www.fix.net/~jparkernorcal/contest/shuffle/shuffle.htm>

~~~~~  
CQ WW DX Contest (SSB) ... QRP Category

Oct 30 - 0000z to Oct 31 - 2400z

Rules: <http://cqwww.com/cqwwwrule.html>

~~~~~  
The Black Cat Tuna Tin 2 Event \*\*\* QRP Event \*\*\*

Oct 30 - 31

Info Below. See <http://www.njqrp.org> for Tuna 2 kits etc.

-----  
Date: Thu, 23 Sep 1999 18:48:05 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [51130] The Black Cat Tuna Tin 2 Event

ARRL Hosts the QRP ARCI for a Black Cat Halloween Special Event

On October 30 and 31, 1999 the American Radio Relay League will host the QRP Amateur Radio Club International for a "Black Cat" QRP on-the-air party for all QRPers. For two days, W1AW/QRP will be on the air using the actual original Tuna Tin 2 transmitter designed and built by Doug DeMaw, W1FB! The "Black Cat" theme was chosen to tie the Tuna Tin 2 to Halloween, for a night of ghostly fun that QRPers can talk about for years.

The Tuna Tin 2, so called because it used a common tuna fish tin for a chassis and two 2N2222 transistors was introduced to the world in May, 1976 in a QST feature article by Doug DeMaw. For many hams, it served both as their first QRP experience, and their first building experience.

Even though it disappeared under mysterious circumstances from the ARRL Lab, it was later rediscovered at a hamfest over 100 miles away from ARRL HQ. Rescued from an ingominious end under that hamfest table by Ed Hare, W1RFI, a well-known QRP'er who works in the ARRL Lab, it was restored to full operation in June of 1999 by Bruce Muscolino W6TOY/3. It is still in use today! Over this summer, it has had a short but exciting career, on the air from W1AW and W1RFI, travelling to various distant locations and hamfests to let others see the "real deal!" Now it comes home to rest up for this fall's operating event.

The original Tuna Tin 2 operation will be on 40 meters for the entire period. Late night operation will be directed toward working as many DX stations as can be heard! (QRP DX includes many parts of the United States as well as overseas hams.) You don't have to be using QRP to work the Tuna Tin 2, just listen around 7040 kHz for W1AW/QRP and give

us a call! Additional Tuna Tin 2 replicas will be operating on 10.106 and 14.060 MHz, to give all the best chance to participate in this QRP extravaganza.

Certificates and special QSL cards will be issued to commemorate this ARRL/ARCI special event. Hams are welcome to stop by W1AW over the event weekend to see the original Tuna Tin 2. Operating time may be limited, but those who wish to operate the original Tuna Tin 2 should be able to make few contacts. Please set aside some time Halloween weekend to work W1AW/QRP, and each other for a weekend of informal QRP fun! Contact Bruce Muscolino, W6TOY (w6toy@erols.com) or Ed Hare, W1RFI (w1rfi@arrl.org) for more details.

A special note. The Halloween weekend also hosts the NorCal Zombie Event. Ed Hare will have a special Zombie number and will be giving it out to any who ask! See you all at this historic event.

-----  
And later.....

~~~~~  
HA-QRP Contest (CW - 80 Meters) *** QRP Contest***

Nov 1 - 0000z to Nov 7 - 2400z

Rules: <http://www.sk3bg.se/contest/haqrp.htm>

~~~~~  
Adventure Radio Society - Spartan Sprint (CW) \*\*\* QRP Contest\*\*\*

Nov 2 - 0200z to 0400z

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

~~~~~  
Ukrainian DX Contest (CW/SSB) ... QRP Category

Nov 6 - 1200z to Nov 7 - 1200z

Rules: <http://www.sk3bg.se/contest/ukrdxc.htm>

~~~~~  
ARRL Sweepstakes (CW) ... QRP Category

Nov 6 - 2100z to Nov 8 - 0300z

Rules: <http://www.arrl.org/contests/announcements/98/rules-novss.html>

~~~~~  
72 de ~~~QRP Contest Calendar~~~
Ken Newman - N2CQ <http://www.njqrp.org/data/contesting.html>
Woodbury, NJ
N2CQ@ARRL.NET ~~~WQ2RP NJQRP Club Station~~~

Date: Fri, 29 Oct 1999 08:35:47 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54547] Re: Milliwatt Triple Crown! -It's coming!
Message-ID: <19991029153547.21699.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

More milliwatt action?! WoW!!

For those who think they might like to give a mW
contest a try your time is coming. Plenty of time to
look into RF power measurements in the shack.

Some have pretty good SWR/Power meters. My Vanco SWR-2
measures very well to 500mW. I feel confident in this
meter because I tested all my N7KSB IC chip XMTRs with
this meter, and at max volts they all put out exactly
500mW as the plans say.

I've used an RF probe to measure RMS voltage, and used
the formula $P = E^2 / \text{Ohms}$. where E is the RMS
voltage reading, and Ohms is 50. But this uses a
resistor not your antenna. Not sure how accurate this
is in knowing actual on the air RF power.
(I got the formula from QRP Classics p8).

Now I built the Oak Hills Research WM-2 QRP Wattmeter,
and followed the calibration instructions. They worked
exactly as they were supposed to. This gives me
confidence in the meter.

I'd love to see a thread here on QRP-L about measuring RF power with confidence. It would be great to see an in depth article in ARCI QRP Quarterly. By someone in the know, & who's got the knack of getting across to hams of all levels. (Big dummies like me!) hi hi

QRPP is about finding the natural limits of QRP. Bob White W03B said in the ARCI QRP Quarterly before me, QRPP is only 10dB below QRP. Thats not allot.

Between now and December 26 - 28th you should do a little testing with whatever test equipment you have. Be ready, and know how to set up at these mW power levels.

Learn how your rig acts at very low power. Do you get chirp at mW levels?

My Index labs QRP+ is very touchy and is hard to set way down in low mW'ts. If you've ever heard me trying to lower my power you've heard this! hi hi

Once you've done the preperation, and know what to expect from your rig, you are all set.

Now, whats the grand prize gunna be for winner of the triple crown? A K2? :) just kidding

All the talk here abt the K2, has me itching for one!

Maybe Santa will be good to ole SirJimLite? ;-)

72/3's & sometimes 71's de Jim KJ5TF

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 29 Oct 1999 11:38:28 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>

Subject: [54548] HB: Re: Toner Transfer-2 sided board
Message-ID: <3819BF74.202D8776@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

David Shalita wrote:

- > Place image on side one and insulate side two copper, then
- > etch the board. Next, coated unetched copper, apply coating to
- > etched side for 2nd etch protection,
- > heat board to apply 2nd side image to unetched copper.
- > Etch, drill, finish board.

David,

I'd recommend drilling at least 2 or 3 holes after the first side is etched. They will help align the resist pattern for the second side.

- > My question concerns
- > "what coating to use for insulating the bare copper."
- >
- > Depending upon when I apply coating, I could be heating the
- > coated board while transferring toner. Will plastic coatings melt?
- > Do you do TONER TRANSFER before applying coating?

You might try a plastic tape, like the thin plastic packing tape that is used to seal boxes for shipment. As long as it makes a tight seal at the edges and has no gaps that are open to air (or etchant), that should do the trick. a lot easier to clean, too. (I haven't tried this for a double-sided board myself.)

I'd apply the toner transfer before taping the board.

FWIW, I've managed to make my own toner transfer paper by coating a sheet of plain copier paper with mucilage (the office glue that comes in a bottle with a rubber nipple on top), letting it dry, then ironing it to flatten out the curl. Minor wrinkles don't seem to hurt. It feeds through copiers and laser printers OK. Iron it onto the board as with other toner transfer papers, then soak in warm water until the paper floats off. Rinse and etch. Won't do really fine lines, and you may need to touch up the toner tracks with a resist pen (sometimes the toner cracks), but it's cheap. I've made boards with tracks that ran between IC pins successfully that way.

Dave

--

Dave Hinerman WD8CIV

Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Fri, 29 Oct 1999 15:40:11 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [54549] Working Mobiles QRPp
Message-ID: <19991029.154012.4542.0.wd3p@juno.com>

Hi Gang,

Last night I worked AA1NZ/M in VT at 10 mWatts for a new low power to a mobile station. It was also a new low power into the state. This was a QSO that started and ended at 10 mWatts. It comes in at a bit over 31,000 miles to the watt. It was not the best miles per watt. Two other mobiles have him beat in that measure. But the guy has great ears.

So I went checking the log this morning and thought I'd pass on what I found. I've worked mobiles in 28 states at 100 mWatts or less, 42 states at 500 mWatts or less. I still need two states to have WAS QRP with mobiles - NJ and HI. I hadn't even been paying any attention to this stuff.

I guess that means I have to create a new goal. First I have to get WAS QRP with mobiles, then WAS with mobiles at under a Watt. Then comes the big goal - WAS while mobile at under a Watt.

73/72 de Larry.....WD3P in MD
<http://www.erols.com/lejek>
WAS QRPp
WAS 1,000 miles per Watt

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Date: Fri, 29 Oct 1999 08:41:23 -0700
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54550] FOX #2 Final log KU7Y - LONG
Message-ID: <3819C023.268DE3D5@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi All,

Here is the final log. All dupes and stations without QRP-L numbers have been removed as stated in the rules.

Thanks for a super time and I hope to now work all the Fox's with my mighty 950 mW..... :-)

--

73, Ron, SOWP 5545M, GRAND ZOMBIE #18

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

OCT 28 1999 0030Z TO 0230Z FOX log for KU7Y

DUDES AND STATIONS WITHOUT A QRP-L NUMBER HAVE BEEN REMOVED.

TOTAL QSO = 122

Band Qth	Date Pts	Time	QSO#	Call worked	Sent	Rcvd	Name	#
----	----	----	----	-----	----	----	----	
---	---							
40CW CA	28-Oct-99 1	00:30	1	NA6E	589	599	MARY	1779
40CW OK	28-Oct-99 1	00:32	2	AB5UA	579	589	CLIF	478
40CW TX	28-Oct-99 1	00:33	3	W5TFB	599	559	JACK	282
40CW ND	28-Oct-99 1	00:33	4	K0EVZ	599	579	DOC	861
40CW CA	28-Oct-99 1	00:34	5	K1MG	579	599	MIKE	614
40CW CA	28-Oct-99 1	00:35	6	WE6W	599	599	ED	1068
40CW AZ	28-Oct-99 1	00:36	7	AB7MY	589	599	GARY	571
40CW TX	28-Oct-99 1	00:36	8	N5TW	589	559	TOM	1474
40CW KY	28-Oct-99 1	00:37	9	NV4V	579	559	PETE	1721
40CW	28-Oct-99	00:38	10	N1LN	589	589	BRUCE	2049

TX	1					
40CW	28-Oct-99 00:39	11	W6JXH	599	599	RON 156
CA	1					
40CW	28-Oct-99 00:39	12	K8CV	579	599	WALT 935
MI	1					
40CW	28-Oct-99 00:40	13	K5ZTY	589	599	BILL 473
TX	1					
40CW	28-Oct-99 00:41	14	AK7Y	599	559	GERRY 1693
AZ	1					
40CW	28-Oct-99 00:41	15	AF5Z	569	579	BOB 984
TX	1					
40CW	28-Oct-99 00:42	16	K7FD	569	599	JOHN 1633
OR	1					
40CW	28-Oct-99 00:42	17	NW7DX	599	599	BEN 189
WA	1					
40CW	28-Oct-99 00:43	18	W03B	599	559	BOB 195
CA	1					
40CW	28-Oct-99 00:44	19	K5AAR	579	559	DON 1512
OK	1					
40CW	28-Oct-99 00:45	20	K5OI	559	559	TIM 73
NM	1					
40CW	28-Oct-99 00:45	21	W5SB	599	599	BILL 1279
TX	1					
40CW	28-Oct-99 00:46	22	N0UR	599	599	JIM 799
MN	1					
40CW	28-Oct-99 00:47	23	K0PC	589	559	PAT 1964
MN	1					
40CW	28-Oct-99 00:48	25	KB7WW	599	559	ART 290
OR	1					
40CW	28-Oct-99 00:49	26	N0DT	599	559	DAN 1004
MO	1					
40CW	28-Oct-99 00:49	27	N7CQR	599	559	DAN 502
OR	1					
40CW	28-Oct-99 00:50	28	AB0GO	589	559	DAVE 785
CO	1					
40CW	28-Oct-99 00:51	29	W5VBO	579	559	BRIAN 404
AZ	1					
40CW	28-Oct-99 00:51	30	K7QO	589	559	CHUCK 1
AZ	1					
40CW	28-Oct-99 00:52	31	W5YR	599	559	GEORGE 1373
TX	1					
40CW	28-Oct-99 00:52	32	N0TU	599	599	STEVE 911
CO	1					
40CW	28-Oct-99 00:53	33	KA5T	589	599	LARRY 89

TX	1						
40CW	28-Oct-99	00:53	34	K10J	579	559	OJ 732
TX	1						
40CW	28-Oct-99	00:54	35	K5VUU	579	559	ED 1343
TX	1						
40CW	28-Oct-99	00:55	36	AE4Y	579	559	KENT 1844
GA	1						
40CW	28-Oct-99	00:56	37	N8VAR	579	559	RON 263
OH	1						
40CW	28-Oct-99	00:57	38	AC7BN	599	599	BOB 1994
AZ	1						
40CW	28-Oct-99	00:58	39	AC6UV	579	559	GODY 1881
CA	1						
40CW	28-Oct-99	00:58	40	AE9K	579	559	BRIAN 58
WI	1						
40CW	28-Oct-99	00:59	41	N0EA	599	559	WAYNE 1058
MO	1						
40CW	28-Oct-99	01:00	42	AB7CE	569	559	ROY 1494
MT	1						
40CW	28-Oct-99	01:00	43	AK1P	599	599	PAUL 284
CA	1						
40CW	28-Oct-99	01:01	44	VE7CQK	569	559	PAUL 20
BC	1						
40CW	28-Oct-99	01:02	45	K7GT	569	579	ALLAN 1016
CA	1						
40CW	28-Oct-99	01:03	46	AA0ZZ	579	599	CRAIG 1238
MN	1						
40CW	28-Oct-99	01:03	47	W8KC	589	579	PAUL 59
MI	1						
40CW	28-Oct-99	01:04	48	W8RU	599	559	RON 188
MI	1						
40CW	28-Oct-99	01:05	49	W7ILW	579	569	HOWARD 2010
AZ	1						
40CW	28-Oct-99	01:06	50	K1JD	559	539	JOHN 1945
RI	1						
40CW	28-Oct-99	01:06	51	KG4BIG	599	599	KEN 1974
KY	1						
40CW	28-Oct-99	01:07	52	N4ROA	579	559	DAN 970
VA	1						
40CW	28-Oct-99	01:08	53	N0AR	599	559	SCOTT 1455
MN	1						
40CW	28-Oct-99	01:08	54	K7TQ	559	579	RANDY 102
ID	1						
40CW	28-Oct-99	01:09	55	N7RR	569	579	BRUCE 1688
WA	1						
40CW	28-Oct-99	01:10	56	N7GH	579	599	GIL 815

MT	1					
40CW	28-Oct-99	01:11	57	WJ7H	599	599 WAYNE 481
UT	1					
40CW	28-Oct-99	01:12	58	WD8KQY	579	559 GARY 446
OH	1					
40CW	28-Oct-99	01:12	59	NM5M	569	599 ERNIE 1824
NM	1					
40CW	28-Oct-99	01:13	60	K5LN	579	559 BILL 1794
TX	1					
40CW	28-Oct-99	01:14	61	W0CH	579	559 DAVE 618
MO	1					
40CW	28-Oct-99	01:15	62	W5HNS	599	559 HENRY 178
TX	1					
40CW	28-Oct-99	01:16	63	KD0CA	599	559 JERRY 544
IA	1					
40CW	28-Oct-99	01:17	64	KK5LD	599	559 DAN 2052
TX	1					
40CW	28-Oct-99	01:18	65	VE5RC	559	339 BRUCE 886
SK	1					
40CW	28-Oct-99	01:19	66	AE2T	559	579 AL 1664
NY	1					
40CW	28-Oct-99	01:20	67	N6XU	579	579 STAN 66
CA	1					
40CW	28-Oct-99	01:20	68	KC1FB	559	559 JIM 29
CT	1					
40CW	28-Oct-99	01:22	69	WD4MSM	599	559 BARRY 642
IN	1					
40CW	28-Oct-99	01:23	70	KI0II	599	559 RON 928
CO	1					
40CW	28-Oct-99	01:24	71	N0RC	599	559 ROD 1764
CO	1					
40CW	28-Oct-99	01:24	72	VE6EWM	559	559 EARL 1076
AB	1					
40CW	28-Oct-99	01:25	73	K0YWD	559	599 SKIP 2003
MT	1					
40CW	28-Oct-99	01:26	74	AA5TA	589	559 LARRY 1245
TX	1					
40CW	28-Oct-99	01:27	75	K5JHP	599	559 BILL 825
TX	1					
40CW	28-Oct-99	01:28	76	W5FN	599	549 TIM 586
TX	1					
40CW	28-Oct-99	01:29	77	N8IE	569	559 DAN 1404
OH	1					
40CW	28-Oct-99	01:31	78	KF7ET	599	599 CAL 6457
OH	1					
40CW	28-Oct-99	01:32	79	NQ7K	599	599 MIKE 47

AZ	1						
40CW	28-Oct-99	01:33	80	KQ5U	599	599	TERRY 1603
TX	1						
40CW	28-Oct-99	01:35	81	W5JAY	599	559	JAY 1201
AR	1						
40CW	28-Oct-99	01:37	82	AF4PS	579	559	MAC 704
FL	1						
40CW	28-Oct-99	01:38	83	AA6R	589	559	GARY 406
CA	1						
40CW	28-Oct-99	01:38	84	W4UTI	579	339	KARL 1097
AL	1						
40CW	28-Oct-99	01:39	85	N6NU	599	599	ANDY 1516
CA	1						
40CW	28-Oct-99	01:40	86	N4SO	579	449	KEN 622
AL	1						
40CW	28-Oct-99	01:41	87	KE5TC	599	339	ROY 1057
OK	1						
40CW	28-Oct-99	01:42	88	NQ7X	599	559	FLOYD 343
AZ	1						
40CW	28-Oct-99	01:44	89	N1TP	579	339	TOM 1317
FL	1						
40CW	28-Oct-99	01:46	90	AB5WX	579	559	DAVE 1718
TX	1						
40CW	28-Oct-99	01:50	91	K1VP	579	559	ED 1960
NH	1						
40CW	28-Oct-99	01:51	92	AB8DF	589	559	ED 1444
MI	1						
40CW	28-Oct-99	01:52	93	W2XN	559	539	FRED 1728
FL	1						
40CW	28-Oct-99	01:54	94	NM8Y	569	559	TIM 2050
OH	1						
40CW	28-Oct-99	01:55	95	W9UQB	589	579	MIKE 413
AZ	1						
40CW	28-Oct-99	01:56	96	KF2PH	559	559	NICK 13
NY	1						
40CW	28-Oct-99	01:57	97	K5UP	599	599	GLEN 21
OK	1						
40CW	28-Oct-99	01:58	98	N9AW	579	599	JERRY 1271
WI	1						
40CW	28-Oct-99	01:59	99	WS4S	549	559	CONARD 993
TN	1						
40CW	28-Oct-99	02:00	100	KD5AIJ	559	559	STEVE 2071
TX	1						
40CW	28-Oct-99	02:02	101	W8DN	599	559	MIKE 575
OH	1						

40CW ME	28-Oct-99 1	02:03	102	NT1R	599	559	BILL	912
40CW WI	28-Oct-99 1	02:04	103	NK9G	599	599	RICK	2061
40CW MI	28-Oct-99 1	02:07	105	W8SFF	589	559	STEVE	1288
40CW CO	28-Oct-99 1	02:07	106	N0RN	599	579	BOB	1789
40CW TX	28-Oct-99 1	02:09	108	KK5WL	559	559	GARY	430
40CW NJ	28-Oct-99 1	02:11	109	KG2LO	559	559	ROLAND	1445
40CW NY	28-Oct-99 1	02:12	110	N2VPK	559	559	MARK	314
40CW CA	28-Oct-99 1	02:14	111	W3CD	599	599	BOB	238
40CW LA	28-Oct-99 1	02:15	112	N5IB	559	559	JIM	1913
40CW CA	28-Oct-99 1	02:16	113	K6TM	599	599	RICH	1092
40CW AL	28-Oct-99 1	02:17	114	N4XDW	569	579	JAY	1372
40CW AL	28-Oct-99 1	02:17	115	W4DEC	569	559	LARRY	1045
40CW MO	28-Oct-99 1	02:18	116	W0JOE	599	559	JOE	1901
40CW TX	28-Oct-99 1	02:20	117	K5NZ	599	599	MIKE	2018
40CW WA	28-Oct-99 1	02:21	118	N7MFB	599	579	BILL	715
40CW AL	28-Oct-99 1	02:22	119	AI4CW	559	569	DON	1670
40CW UT	28-Oct-99 1	02:23	120	WA7LNW	599	599	JACK	903
40CW IL	28-Oct-99 1	02:25	122	KB9IUA	579	559	KEVIN	384
40CW NC	28-Oct-99 1	02:25	123	KU4AF	559	559	JOHN	987
40CW ON	28-Oct-99 1	02:26	124	VE3JC	579	559	JOHN	744
40CW AL	28-Oct-99 1	02:27	125	KS4L	559	569	RANDY	468
40CW	28-Oct-99	02:30	126	KJ5SP	559	539	MEL	1287

OK

1

*****END of LOG*****

Date: Fri, 29 Oct 1999 10:41:34 -0500
From: "steve" <scd@zebra.net>
To: <qrp-l@lehigh.edu>
Subject: [54551] Thanks!!
Message-ID: <001801bf2224\$14f17a00\$ce060cd1@steve>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to each and everyone of you who answered my newbie question !! I am now going to sit down and read all the info and make some decisions! Hope to be on the air with you soon Steve

Date: Fri, 29 Oct 1999 15:58:36 +0100
From: Larry Cahoon <wd3p@juno.com>
To: kj5tf@yahoo.com, qrp-l@Lehigh.EDU
Subject: [54552] Re: Milliwatt Triple Crown! -It's coming!
Message-ID: <19991029.155837.4542.1.wd3p@juno.com>

On Fri, 29 Oct 1999 08:35:47 -0700 (PDT) Jim Hale <kj5tf@yahoo.com> writes:

On measuring Power out.

>Now I built the Oak Hills Research WM-2 QRP Wattmeter,
>and followed the calibration instructions. They worked
>exactly as they were supposed to. This gives me
>confidence in the meter.

>

>I'd love to see a thread here on QRP-L about measuring
>RF power with confidence. It would be great to see an

I use the WM-2 into a dummy load to do all my power measurement. That was I don't get fooled by a bad ant. match.

>

>Learn how your rig acts at very low power.

>Do you get chirp at mW levels?

I'd like to see this looked at a bit. The manuals for the Sierra say keep it up over 500 mWatts. So I have the Sierra set at 500 mWatt and cut the power with a Ten-Tec 290 Step Attenuator. That way I can get down to 2 mWatts with a choice of six settings. The SST manual also say keep it over 500 mWatts. I've used the OHR 100A (20 meter version) at 50 mWatts with out any complaints. Perhaps this should be part of the standard evaluation of rigs with adjustable power supplies.

73/72 de Larry.....WD3P in MD

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Date: Fri, 29 Oct 1999 09:13:04 -0700 (PDT)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [54553] Re: WAS is within my grasp!

Message-ID: <19991029161304.11769.rocketmail@web702.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Way to go Brian, by all means use schedules with volunteers here on QRP-L. John in RI is willing, and there are folks in all the rare states on this list.

All nice folks. Some prefer to get all there WAS contacts at random, and thats ok. I like to do both.

Setting a sked and meeting someone is a challenge too. In a random meeting on the air you likely will have nature on your side. When you set a sked, you are on your own! So its a challenge sometimes with skeds.

You can get your ARCI WAS AWARD now you know, right? Check out the ARCI Awards info on there webpage. The WAS Award for 5w QRP and mW WAS is available in stages.

You dont need to have all 50 worked and coinfirmated to get the award. I would think it would be good

motivation to have the 1st 25 states worked and confirmed, and get the 1st stage of the award. Then work on the last 25 till you get the full award.

As soon as I get my DX QSL cards and WAS QSL cards varified by two local hams I'm going to get those awards for my wall!

Here's the URL for ARCI, <http://www.qrparci.org/>

Have fun! de Jim KJ5TF

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 29 Oct 1999 11:36:41 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54554] Re: Milliwatt Triple Crown! -It's coming!
Message-ID: <004601bf222b\$c8333340\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for recommendations for wattmeters. I'd like something which would have more than one range, if it's possible to have that and reasonable accuracy as well. Doesn't have to be to NBS standards or anything that tight. Also, capable of measuring some pretty low power levels. Can't pay a kings ransom either...

The Vanco listed below, where would I find info on it, for example?

Dan W. Dooley WB5TKA Y2K Complacent
e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

-----Original Message-----

From: Jim Hale <kj5tf@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Friday, October 29, 1999 10:36 AM
Subject: Re: Milliwatt Triple Crown! -It's coming!

>
>Some have pretty good SWR/Power meters. My Vanco SWR-2
>measures very well to 500mW. I feel confident in this
>meter because I tested all my N7KSB IC chip XMTRs with
>this meter, and at max volts they all put out exactly
>500mW as the plans say.
>

Date: Thu, 28 Oct 1999 23:06:57 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [54555] Re: Atlas 210X
Message-ID: <19991029165844933.AAA242@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> up an antenna! The radio, which was a mil-spec design to begin with,
> came through it perfectly! Would I buy another one? In a hot
> heartbeat!

Has anyone had experience with the Atlas 110 Rx/ Tx pair?
Ive seen these about and was wondering about them.

Carl
zmola@campbellsci.com

Date: Fri, 29 Oct 1999 10:00:09 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [54556] XCVR: RH40 questions
Message-ID: <3819D299.298@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After inspecting the list of mods to the NC20, I am wondering how many
of those have already been implemented in the Red Hot Radio's RH40?

In particular, I wonder about the doubly-regulated voltage supply to the VFO freq-determining components. Also is the AGC fully as described by the AGC mod plus the two having to do with regulating AGC voltages.

73

Allan Taylor K7GT k7gt@arrl.net <http://www.qsl.net/k7gt>

(is this concise enough, Chuck?)

Date: Fri, 29 Oct 1999 13:02:45 EDT
From: JFStrain@aol.com
To: qrp-l@lehigh.edu
Subject: [54557] RE: Got New HTX-10
Message-ID: <0.25a97d94.254b2d35@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Went to the local RS outlet this morning intending to push them a little harder to try to run down a HTX-10 for me since there do seem to be some out there, when they checked and the latest shipment of 105 boxes of stuff seemed to contain one HTX-10. So far they do not have it unpacked, but they have assured me that I will have it by the day's end. Of course, they have no idea if they will ever see another one, but as long as I have one, I will be happy. Then all I will have to decide is which one will go in the car - the HTX-10 or the converted Maxon (of 11-2-10 fame) - as I will then have a 10M unit for both the home QTH and the car.

72,
John W9MIU
QRP-L 1088 QRP-QRCI 8173

Date: Fri, 29 Oct 1999 12:06:09 -0500
From: Tony <ka9fax@mailbox1.com>
To: Bruce2@prodigy.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54558] Re: TenTac 1320 for sale
Message-ID: <3819D401.BDE875A@mailbox1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce wrote:

> I build much more than I can really use.
> Rig count is building up on me.
> Have TenTac 1320 QRP rig fully built, with enclosure, knobs and manual.
> Doubt if I have used it over 2 hours. Perfect Condition, no scratches, brand
> new. Just sitting on a shelf.
> Will sale for \$75. and ship to you. Advise my personal email if interested.
>
> Bruce WB4WZL (a ham for 49 years) HI Bruce im new at qrp rigs but
> looking fer one do u still have it is their somewere i can go on the web to
> see one 73 Tony ka9fax@mailbox1.com

Date: Fri, 29 Oct 1999 13:07:36 -0400
From: Tom M <tjmc@erols.com>
To: NJ-QRP <njqrp@njqrp.org>, QRP-L <qrp-l@lehigh.edu>
Subject: [54559] KIT: TT2 onthe air, but high
Message-ID: <3819D458.7F920EA8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Took time off from work for the TT2 (had to get it done by dark!).

It's up and running, no problems. A nice sig out at abt 400mw from 13.5v

Only minor thing is it's tx is just below 7.043... would have liked it
on the down side instead of high on the crystal.

So look for me high tonight shuffle'n around and thanks to George and
Gang.

73
Tom aa2vk

Date: Fri, 29 Oct 1999 10:16:40 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: dlh1009@ritvax.isc.rit.edu
Subject: [54560] HB: Re: Toner Transfer-2 sided board
Message-ID: <19991029171640.33945.qmail@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

David Hinerman wrote:

>FWIW, I've managed to make my own toner transfer paper by coating a
>sheet of plain copier paper with mucilage

I've had good luck using ordinary sheets of "magazine" paper.
I guess that it is the clay sizing that helps. I touch up the
defects with nail polish. The nail polish also works very
well for protecting large areas of copper. I suppose that
you could use it for covering the "2nd side" while etching
the first (would be useful on the edges, at least, if using
plastic tape to cover the other side).

Brad

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Date: Fri, 29 Oct 1999 12:44:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: af389@lafn.org
Cc: qrp-1@lehigh.edu
Subject: [54561] Re: Toner Transfer-2 sided board
Message-ID: <199910291725.NAA19426@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dave, et all,

When you do your board layout, make sure you have at least two
alignment holes near the corners.

Transfer your patten to one side of the board. Mask the other side
by trimming a piece of paper the same size as the board. Tape the
paper to the bottom of the board with some 2" wide shipping tape, I
use the "Crystal clear" shipping tape. Besure to cover the paper
completely with the tape and seal the edges.

The paper traps some air under the board and helps it float on top of
the etchant. If you tape directly to the copper, the glue sticks to
the copper and is very hard to remove latter. Lately, I just use the

used film and tape around the edges.

Once you etch one side, remove the paper/tape from the bottom. Drill at least two of the guide holes. You can then hold the board up to a light and match the drilled guide holes with the matching holes on the film for the second side. Pushing a straight pin through the holes and the film can help too. Once lined up, put a small piece of tape on the edges of the film to hold in place.

Transfer the pattern and then mask the previously etched side with the paper/tape. It's a good idea to seal the guide holes you drilled too. Etch. Remove the paper/tape, clean and drill.

I've managed to get very good alignment this way.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 29 Oct 1999 11:28:15 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [54562] ZOMBIE: I saw Elvis!
Message-ID: <3819D92F.6985D5ED@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! This year's Zombie Shuffle is shaping up to be a bonanza of the undead. Besides our Elvis leader, Dan Presley, we have a smattering of Elvis stations all over the place. Dan now has...wait for it...13 Elvis helpers!!!! How's that for a magic number? It's a secret who the Elvi are, but you're gonna be surprised so keep your ears open! Our Elvi will also be checking the Novice frequencies too. Everybody has a good chance of working an Elvis station for points....

Also keep your ears open for our DX Zombies which will most likely be found around 7030! They're out there! Beware!

B000000000000000!!!!
Jan N0QT, Grand Zombie #015

Date: Fri, 29 Oct 1999 12:31:28 -0500

From: "Chuck Carpenter" <w5usj@globeco.net>
To: af389@lafn.org, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54563] HB: Re: Toner Transfer-2 sided board
Message-ID: <3.0.2.32.19991029123128.007e11a0@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

David,

Toner is a thermoplastic as used in the Xerographic process.

InkJet is just that, Ink. It is water soluble. Not an option in my opinion

I've used tape to protect areas that you didn't want etched. I've also used nail polish. Comes off with nail polish remover. I'd use the tape for large areas though.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Fri, 29 Oct 1999 10:35:45 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: tjmc@erols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54564] RE: TT2 onthe air, but high
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A90BBA02@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Tom --

You will be right in the center of the TT2 activity. Most of the TT2s that I worked at the Pacificon foxhunt were clustered around 7042.5

Mike K1MG

...
> Only minor thing is it's tx is just below 7.043... would have liked it
> on the down side instead of high on the crystal.
> Tom aa2vk
>

Date: Fri, 29 Oct 1999 12:56:17 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54565] Re: Tuna Tin and Keyers Warning
Message-ID: <003701bf2236\$e6e1cf80\$2c7154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I worked a guy (K5KW) last night that was also on a TT-2. (My first 2xTT2 QSO) He asked if I did anything special for interfacing to the keyer. I had to admit I hadn't given it much thought, except to consider that I needed to switch a fairly low voltage. Now, I wondered about the current.

My keyer is a Super CMOS II, using a 2N2222 interface transistor. I measured the TT-2's current draw this morning at 55 ma. Should be no problem for the keyer.

I guess the next consideration is ground isolation. My keyer is powered by a battery and is therefore isolated from the power system's ground ...

OK, I finally see it. If my keyer's ground (case) contacts the power supply ground and I press the key, my little 2N2222 is gonna take the full current capability of my power supply. Oops. Ignorance is bliss, especially the way components are typically piled on my desk.

I'm gonna try to put in the Dave Fifield mods (see the RHR page) before tonight, adding XIT and a keying transistor.

Speaking of XIT and in response to Tom M., my TT2 is on 7043.1 with a NORCAL xtal. guess it needs a little trimming and I hope Dave's XIT mod will allow me to get to 7040.

72,

Nick, WA5BDU

Date: Fri, 29 Oct 1999 11:06:21 -0700 (PDT)
From: Chris Taylor <cht@imipolex-g.com>
To: qrp-1@lehigh.edu
Subject: [54566] MFJ QRP Cub
Message-ID: <Pine.LNX.4.04.9910291105030.4113-100000@krank.imipolex-g.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What's the deal with the MFJ QRP Cub? Is there anything on the Web yet?

Chris Taylor cht@imipolex-g.com KF6NMX
 Los Angeles, CA, USA
 <http://www.imipolex-g.com/~cht>

Date: Fri, 29 Oct 1999 11:21:05 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [54567] ZOMBIE: Shuffle tonight
Message-ID: <01bf223a\$5e1bf000\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys hope to work you in the Zombie Shuffle. I will start on 20 meters, and then go to 40 when the band dies. Will be using NorCal 20 and Sierra on 40. The Red Hot 40 is not done!! Neither is the K2.

I also encourage you to send a report to QRP-L about your activity. Reports encourage others to operate, and it is fun to see how you did in these contests. I will be posting all NorCal information to QRP-L and will not be posting to QRP-F as I do not have time to keep up with both reflectors. If you want to see KI6DS postings, this is where I will be. My operating post will use ZOMBIE: operating report as a subject line.

Also, don't forget that you can earn a special limited edition Zombie Pin by operating in the Shuffle. There are several ways to earn the pin:

1. Operate any rig and make 13 QSO's
2. Operate a TT2 and make 5 QSO's (during the Zombie Shuffle). Please sign /TT2
3. Work 5 TT2's during the Zombie Shuffle
4. Have a Novice/Tech/Tech Plus license and make 5 QSO's
5. Be a Jr. Operator and make 5 QSO's. Please sign /JR and send your age as part of the exchange.

The purpose of the pins is to encourage operation. Use the bands tonight, have fun, and do a lot of grinning. Tell us about the fun that you have and any weird experiences. We love to read them. Also, don't forget that if you work W1AW/W1RFI during the weekend, it will count in your qso total.

Otherwise, all contacts must be in the shuffle to count for the pin.

To get a pin, please send your log and \$2 to:

Jan Medley, N0QT
Zombie Shuffle Contest Coroner
PO Box 1768
Socorro NM 87801

NorCal QRP Club is paying for the pins, and the \$2 is to pay for the mailing supplies and the postage. You must have your request in to Jan by Nov. 15th, as we will place the order for pins at that time. So don't delay.

Have fun, and look for KI6DS, Zombie #3, Grand Poobah, Tyler's Grandpa, DNA Lecturer this week at Dos Palos High School, K2 Builder, and a 51 year old kid at heart. 72, Doug

Date: Fri, 29 Oct 1999 12:39:40 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <zmola@campbellsci.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [54568] RE: Atlas 210X
Message-ID: <000001bfb2234\$94210920\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I'll through this out again, based only on the number of recent comments refering to the Atlas 210X.

Anyone had any experience in dealing with drift in the VF0? Or know where I might find further info?

Mine is reasonably stable on all bands except 40. There, it walks around too much.

I've never seen anything on the web related to fixes or mods for this radio.

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: dandooley@pipeline.com <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Carl Zmola
> Sent: Friday, October 29, 1999 12:07 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Atlas 210X
>
>
> > up an antenna! The radio, which was a mil-spec design to begin with,
> > came through it perfectly! Would I buy another one? In a hot
> > heartbeat!
>
> Has anyone had experience with the Atlas 110 Rx/ Tx pair?
> Ive seen these about and was wondering about them.
>
> Carl
> zmola@campbellsci.com
>

Date: Fri, 29 Oct 1999 14:18:42 -0400
From: osier <osier@northnet.org>
To: qrp-l@lehigh.EDU
Subject: [54569] T00DX on 10 meters
Message-ID: <3819E502.1BDFE293@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!

10 is strange sometimes !!!!!..... heard him and at 1300 wrked
him....seems close for
10 meters to work ...he was 59+ here in NNY

wondering ??????...do they have a website or logs listed ?????

72s

George , N2JNZ/QRP

Date: Fri, 29 Oct 1999 11:01:42 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: wb5qyt@eFortress.com
Cc: qrp-l@Lehigh.EDU
Subject: [54570] XMTR: & Re: Zombie night de WB5QYT
Message-ID: <19991029.113131.-287583.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Tom,

What freq. is your Bare Essentials tig on so we can listen for it.

I brought home my 25C5 tube from my recent trip to Fla that I had in my transformer-powered BE rig that I built as a novice. Now I just need to find the appropriate pill bottle for the link-coupled tank circuit and get crystals from Norcal for the QRP calling freq. and the novice band.

I am going to build the BE rig again using some modern components and a nicely filtered DC supply instead of the AC/DC voltage doubler that Electronics Illustrated had. PC computer power supplies have nice electrolytic filter caps with the voltage rating needed. But I am going to use a transformer for both the filaments and plate supply so I can build it in a minibox or metal cabinet of some sort.

Tnx for reminding me to start this project, and hope to hear you on.

PS. If I remember correctly, I ran about 15 to 17 watts input with my original BE xmtr. Sometimes the plate glowed red. I'll be curious to see how much actual output power it produces. Have you put a wattmeter on yours?

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 29 Oct 1999 12:40:21 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [54571] FOXHUNT:Team Scores

Message-ID: <Pine.LNX.3.95.991029123906.26442D-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fox Hunt #1 - K10J -

20th. MAINE BENGAL BEARS:Total=1 BLUE J's:Total=0

Jim - N5IB
Butch - N5SMQ <-
Bill - NT1R
Joel - KE1LA

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

DURHAM MORSE MEN:Total=0

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

EMPIRE HOUNDS:Total=0

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH

HOUSTON HOUNDS:Total=2

Bill - K5ZTY <-
Bill - W5SB <-
Terry - KQ5U
Dan - KK5LD

MANGY MUSHERS:Total=1

Pete - NV4V <-
Paul - VE7CQK
Bruce - N7RR
Ed - K1VP

NIGHT OWLS:Total=0

Ed - WE6W
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

OKLAHOMA TORNADOS:Total=0

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR
Gody - AC6U

RAIDERS OF THE LOST RF:Total=0

Fred - VE3FAL
Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC

SCATTER SHOT GUNNERS:Total=0

Mike - K1MG
Jack - W5TFB
Stan - N6XU
Pat - K0PC

SFBA FOGHORNS:Total=0

Bob - N6WG

SWAMP RATS:Total=3

Tom - N1TP <-

Conrad - NN6CW
Andreas - N6NU
Jon - AD6FX

SWORDS:Total=2

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM ScQRPion:Total=2

Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S <-
Bob - KI7MN

TEXAS TARANTULAS:Total=1

Bill - K5LN
Dave - AB5WX
Bob - AF5Z
Tom - N5TW <-

WESTERN WRANGLERS:Total=0

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y
Ron - KU7Y

Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y

TEAM CRAMP.COM:Total=2

OJ - K10J
George - K5VUU <-
Mike - K5NZ <-
Eric - NM5M

TESLA'S TERRORS:Total=3

Wayne - N0EA
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=2

Roy - AB7CE
Dan - N4ROA <-
Brian - KB9BVN <-
Ron - KI0II

NORTEX Irregulars:Total=0

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

....72 - Bruce(VE5RC+VE5QRP)

Date: Fri, 29 Oct 1999 11:41:24 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54572] Holiday milliwatt contest rules @ KJ5TF website
Message-ID: <19991029184124.7421.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have the Knightlites Holiday Milliwatt CW contest
posted on my website.
Look near the bottom of the index page, its there.

Note the multiplier for low down milliwatts, and the
bonus points QRP club stations will be giving out!

Most likely I will be operating the Arkansas QRP Club
station, NQ5RP.

Jim KJ5TF

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 29 Oct 1999 14:47:41 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54573] BECAUSE_I'M_A_NICE_GUY: FS : New HTX-10
Message-ID: <Pine.OSF.3.95.991029143604.13606G-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I went out at lunch and bought some cables for work at the local Radio Shack store.

They were just unloading a shipment and I asked if they had an HTX-10 - they did.

So I bought it.

If anyone wants, I'll ship it to you for \$169.00 USPO Money order, please. That's \$150 + Michigan Tax + \$10 for UPS (I'm guessing, if I can ship it two-day express for that, I'll do it.) Any extra money was used to buy my lunch.

Sealed, in the box, didn't open it or nothin', etc, etc...

If nobody wants it, I'll just take it back. Seems to be interest in the rig so I figured what the heck.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 29 Oct 1999 15:01:51 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [54574] Toroid Table
Message-ID: <001b01bf2240\$3cb17f60\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Weekend is here...

Did some work on a user friendly toroid table at
<http://www.mpna.com/fpqrpxtoroids.html>

I'm done with it !!! FINAL !!!

Weekend is here...

73 - Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
mailto:wb8qyy@one.net
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Fri, 29 Oct 1999 15:17:55 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [54575] Wow! HW-9 Sold
Message-ID: <3819F2E3.FDB37158@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my posting.

HW-9 was sold a few minutes after posting.
Wow! Judging from the response, one could make a small fortune, if
he had a stock of HW-9s in good condition.

Just thinking . . . buy up about 10 K2 Kits, never build them, and then
unveil them in about 15-20 years. Hum.

Tnx,
ED, AA3SJ

Date: Fri, 29 Oct 1999 13:47:58 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "owner-psk31@aintel.bi.ehu.es" <psk31@bipt106.bi.ehu.es>, "QRP List 2"
<qrp-l@Lehigh.EDU>
Subject: [54576] IC 706 Power at lowest setting
Message-ID: <000101bf223e\$1ec1d740\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just finished making some power level checks of the 706 at its lowest power
setting. This was prompted by a comment recently to me differing with my
earlier stated power readings ("L"). I had been on PSK31 and read about 3/4

watt in the idle mode. I jumped to the conclusion (prematurely as usual) that the expected typical power out of the radio at this setting would be about 1 watt.

In the CW mode, (and getting the same thing in the FM mode), key down from 160 to 10 meters, power ranges from 3.5 watts to 3 watts respectively.

What I had failed to take into account, duhhh, is that PSK31 or any mode where the carrier is controlled by the amount of audio in, power is going to be determined by where I set the sound card level. I was setting it just prior to or at the point of ALC displaying on the meter.

So, in that mode, and at that audio input setting, I see about (and this is a real rough reading) 3/4 watt in idle and somewhat over 1 watt with keying the board. Tune mode shows about 1.5 - 1.7 watts.

Oh yea, and for what it's worth, while still on the dummy load and around 28.425 (or thereabouts), heard a SSB station signing over to another one. The "calls" had a lot more NUMBERS in them than I think there outta be. Yep North American "accent" too. Somebody get the shotgun!

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Fri, 29 Oct 1999 12:26:20 -0700
From: neil <neil@aade.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54577] L/C Meter IIB Instruction Manual on Web Site
Message-ID: <3819F4DC.C5C1DBB0@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have just posted the complete instruction manual for L/C Meter IIB on my web site for those who wish to know more about it. Contains complete theory of operation as well as schematic. Also have posted PIC object code in case you want to try scratch building one. Sorry, source code not available yet.

<http://www.aade.com/lcm2binst/LC2Binst.htm>

My once in a blue moon semi-commercial posting.

--

Neil
http://www.aade.com
mailto:neil@aade.com
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Fri, 29 Oct 1999 13:54:57 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [54578] Propagation for Spartan Sprint
Message-ID: <000101bf2247\$7f3a1ac0\$e3b4d2d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Spartan Sprint is Monday evening, Nov. 1

Looking at the QST propagation charts and extrapolating for conditions over the U.S., it appears to me that:

Lowest usable fq is predicted to be 4.0 MHz (or higher for a QRP station), so 80 meters is not likely to be useful.

20 meters may be good early, but could shut down later. 40 meters is likely to be good both hours of the sprint.

Propagation gurus: Please correct or add to this!

Bob, N7XJ Utah

Date: Fri, 29 Oct 1999 13:51:05 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [54579] ZOMBIE: Zombie numbers!!!
Message-ID: <3819FAA9.1545684@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aaahhh...it's shaping up to be a fine night for zombies... As I sit here writing, ominous thunder clouds amass overhead and the thunder crashes across the hills (you think I'm kidding! Check a weather site!). The last mail has come in for the day and all requests have been answered to date. If you have requested a Zombie Number and/or badge by snail mail and have not heard from us yet please email me NOW!!!!!!! (jmedley@ix.netcom.com)

Time is growing short. I'll continue to assign numbers till 4 p.m. (2200Z) Mtn time, after that I'm pulling the plug and firing up the rig ;> Will be checking the mail hourly, you be sure to check yours too. Do remember, however, if you don't get your number in time, then you can use your local telephone area code!

Okay, I'm off to get things ready. Hope to see everybody on the air!

Jan N0QT/YL, Grand Zombie #015

Date: Fri, 29 Oct 1999 16:08:22 EDT
From: RAWSONDM@cs.com
To: qrp-l@lehigh.edu
Subject: [54580] Re: Wow! HW-9 Sold
Message-ID: <0.a8edb755.254b58b6@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, there is that pesky time value of money thing to consider. I agree you didn't lose anything on the HW-9, but I don't think you made a lot , either, in constant dollars.

Dave Rawson KB8RRG

Date: Fri, 29 Oct 1999 16:12:02 EDT
From: RangerSF5@aol.com
To: scd@zebra.net, qrp-l@lehigh.edu
Subject: [54581] Re: Thanks!!
Message-ID: <0.d5e1cbec.254b5992@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 99-10-29 12:25:56 EDT, you write:

<<

Thanks to each and everyone of you who answered my newbie question !! I am now going to sit down and read all the info and make some decisions!
Hope to be on the air with you soon Steve

>>

Sure would be nice if all the tech. answeres were posted to the list for others to see.

Bob

WA2HOQrp <tm>

Date: Fri, 29 Oct 1999 13:32:16 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-l@lehigh.edu
Subject: [54582] Electronics Question
Message-ID: <381A0450.84AFDF7A@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who replied. The numbers have become staggering so I am no longer sending individual replies. I do appreciate everyone's input.

In summary, A resistive bridge probably wouldn't be a good way to go. By measuring the current draw of the motor under load at the voltage I want, I can calculate the effective resistance of the motor, and use this to figure out what size resistor to use in series to drop the voltage to 6V.

The problem with this method is that it will also drop the current available and at the reduced current and voltage, the motor's torque will be reduced possibly leading to stalling.

A better approach would be to use a voltage regulator, which can supply the needed current and maintain the voltage somewhat independent of load. The motor would still run at decreased torque.

The best would be to pulse modulate the motor. Turn it on fully and off fully in rapid succession. This will effectively slow the motor and maintain it's torque. A 555 chip and power transistor can be used to do this.

Thanks again for the help. I learned alot about motors, and some about electronics. I hope someone else can use this info too.

--

73 de AC6KW

<mailto:grudin@vdbbs.com>

Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Fri, 29 Oct 1999 13:36:03 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [54583] WTB, Palomar wattmeter M-835 & Ten-Tec 290 Step Attenuator
Message-ID: <19991029203603.4364.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have one of these two items for sale?

Contact me directly... thanks, Jim KJ5TF

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 29 Oct 1999 16:08:30 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [54584] Re: KIT: TT2 onthe air, but high
Message-ID: <199910292049.QAA17044@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>
> Only minor thing is it's tx is just below 7.043... would have liked it
> on the down side instead of high on the crystal.
> Tom aa2vk
>

Actually, it's a good thing not all of these are on the same
frequency, or we would be stepping all over each other.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 29 Oct 1999 14:57:07 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [54585] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991029144649.5178B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OJ has sent me an addition to the Team Scores....he also suggests that all
foxxii send the final log that they send to Paul, to me as well....I
think this is an excellent idea and so I'm asking that this be done by the
foxxii please as it will cut down on errors and postings...Chuck, K7Q0,
has given me the "ok" to post the Team scores on QRP-L, thus eliminating a
problem on this end....many thanks Chuck!....any of my other "fox"
postings will be posted on QRP-F....you know, maybe this is the rational I
need to get an ISP web browsing capability from home....hmmmmmm.....
....heh,heh,heh....thanks Chuck.... :-)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

----- Forwarded message -----
Date: Fri, 29 Oct 1999 15:18:37 -0500
From: K10J <k10j@ditdit.com>
To: rattray@gpfn.sk.ca
Subject: Re: FOXHUNT:Team Scores K10J

Howdy Bruce,
KK5LD, a Houston Hound, is in my log, his number is 2052, and his name is
Dan.
Maybe the Foxii should send a copy of their final log to you as it is sent
to Paul.

OJ---K10j
dit dit

Date: Fri, 29 Oct 1999 13:43:32 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [54586] Zombie WB5QYT/BE
Message-ID: <3819F8E4.58A4@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Thats WB5QYT/BE....Bare Essentials that is! Just checked it out for the test and will be sparkin' 2 big watts to a zepp. The combination of the Bare Essentials(50C5), and the bug should be very nostalgic sounding!

Think back...era 1968...poor HS student...First rig...First contact...

30 yrs later>>>> Halloween pre- eve eve....no candy just awesome cw!

Jay WA5WHN can relate!!

Oh, could be a little chirp but not bad. Just blame it on the bats!

Will be on 7.042 and 7.053

Bare Essentials Xmtr using a single 50C5 ...vintage 1968...2 watts

Reveiver...Motorola R-390 with long wire antenna

Xmit antenna....40m zepp inverted vee up 30ft.

See ya there or be haunted! 72, Tom WB5QYT..."Have spud will travel!"

Date: Fri, 29 Oct 1999 16:27:35 -0500

From: crc <crc@io.com>

To: jmedley@ix.netcom.com, QRPL <QRP-L@Lehigh.EDU>

Subject: [54587] Re: ZOMBIE: Amended Official Zombie Shuffle Rules

Message-ID: <381A1147.D0646C90@io.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"J. Medley" wrote:

> Official Rules for the Zombie Shuffle

Just a quick clarification.

If I work an East Coast Zombie prior to my official start time, but after his has started, can he count me as a contact for points but I may not use him for scoring purposes. However I should include him in the log for his purposes. This is how I understand the rules but it is not addressed in the rules clearly.

Charlie C

W5KRF

Date: Fri, 29 Oct 1999 17:37:47 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [54588] .
Message-ID: <0.7a577551.254b6dab@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Whats with the <XFM> at the end of each post?

Also I didn't put Thanks!!!! in the title bar but thats the way it came out.

New changes to QRP-L?

When will the RH 40-M be ready and on the market?

Bob

WA2HOQrp <tm>

Date: Fri, 29 Oct 99 14:46:27 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [54589] coax
Message-ID: <Chameleon.941233753.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I firmly believe all this business of mismatched coax having a lot of loss, based on my experience and that of others. But does anyone know of a reference that quantifies this? I have looked and cannot find.

72, WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com

Date: Fri, 29 Oct 1999 16:05:44 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [54590] ZOMBIE: Local sundown questions
Message-ID: <381A1A38.65F50AC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks, am getting a lot of mail concerning local sundown being rather late and not allowing for 4 hours of operating time between local sundown and local midnight. For the purposes of our DX stations, I've determined that local sundown is around 6pm. If yours is earlier, great! Just pick any 4-hour period between your local sundown and your local midnight. If your sundown is later than that and cramps you for time, then use your local time of 6pm to local midnight and pick any 4-hour period to operate just like it sez in the roolses.

So...sundown....6 p.m. local....got it? You can tell your favorite meteorologist I said so too, and if he disagrees I'll smack him with my broom! Midnight... hey, you guys know how to tell time right? That's when Mickey's hands are both on 12 on your little wristwatch ;>

72, Jan N0QT/YL, Grand Zombie #015

Date: Fri, 29 Oct 1999 22:29:01 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [54591] Sun Set
Message-ID: <19991029.222902.4558.0.wd3p@juno.com>

The Sun has set in the east. The moon has yet to be seen. The Zombies are getting restless.

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Date: Fri, 29 Oct 1999 18:37:41 -0400

From: Hal Maney <hmaney@earthlink.net>
To: anthony@pacinfosb.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54592] Re: coax
Message-ID: <381A21B5.C4373B3E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check the ARRL Handbook, 1999, page 19.6, Figure 19.5.

Just for fun, I checked my 1965 Handbook. It's on page 350,
Figure 13-9.

Hal

Anthony Felino wrote:

>
> I firmly believe all this business of mismatched coax having a
> lot of loss, based on my experience and that of others. But does
> anyone know of a reference that quantifies this? I have looked
> and cannot find.
> 72, WN6Q
> -----
> Anthony Felino, Pacific Information Design
> email: anthony@pacinfosb.com
> -----

--
Hal Maney, K1HM
maney@ieee.org

Date: Fri, 29 Oct 1999 16:59:14 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Larry Cahoon <wd3p@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [54593] Re: Sun Set
Message-ID: <Pine.OSF.4.20.9910291657530.3630-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Fri, 29 Oct 1999, Larry Cahoon wrote:

> The Sun has set in the east. The moon has yet to be seen. The Zombies are
> getting restless.

THE EAST???? As Rocky would say "Hoaky Smokes Bullwinkle..."

Brian.

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+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca           http://duke.usask.ca/~buydens |
| VE5RDV                                     |
+-----+
| Who is General Failure and why is he trying to read my hard drive?      |
+-----+
```

End of QRP-L Digest 1623
